

# Converting Colors

HunterLab(77.1887, -64.3712,  
42.4797)

Have a look what the booklet for  
HunterLab(77.1887, -64.3712,  
42.4797) contains.

<b>HunterLab(77.3369, -64.5007, 42.5740)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(77.3369,  
-64.5007, 42.5740)**

# Conversions

Conversions Part 1	
Format	Color
Hex	00EB42
RGB	0, 235, 66
RGB Percent	0%, 92%, 26%
CMY	1.0000, 0.0784, 0.7412
CMYK	1.00, 0.00, 0.72, 0.08
HSL	137°, 100%, 46%
HSV	137°, 100%, 92%
XYZ	30.6916, 59.8100, 15.0811
YIQ	145.4690, -85.8110, -102.3790

# Conversions

## Conversions Part 2

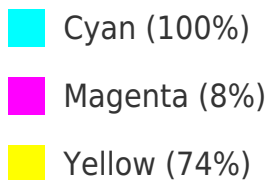
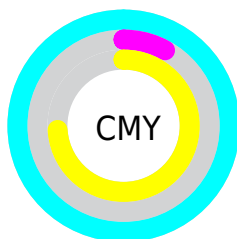
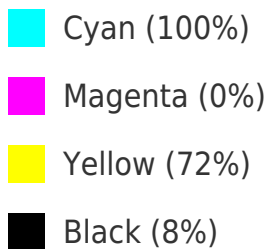
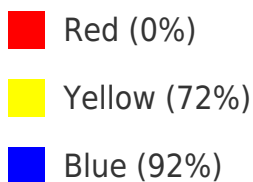
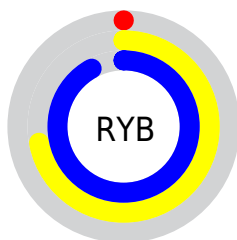
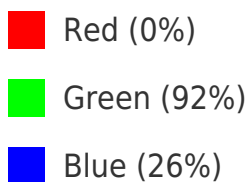
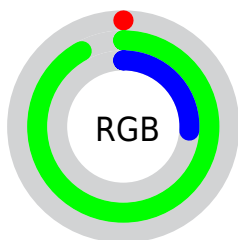
Format	Color
<a href="#">RYB</a>	<a href="#">0, 183, 235</a>
Decimal	<a href="#">60226</a>
CIELab	<a href="#">81.74, -78.24, 65.03</a>
CIELCh	<a href="#">82, 101.737, 140.270</a>
Yxy	<a href="#">59.8124, 0.2907, 0.5665</a>
Android (android.graphics.Color)	<a href="#">4278250306</a> <a href="#">(0xFF00EB42)</a>
YUV	<a href="#">145.4690, -39.1782, -127.5763</a>
Hunter-Lab	<a href="#">77.3369, -64.5007, 42.5740</a>

# Details

The HunterLab color **77.3369, -64.5007, 42.5740** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **45.3073, 83.9122, -19.7336**, and the grayscale version is **53.5788, -2.8588, 2.9110**.

A 20% lighter version of the original color is **87.4041, -58.9791, 40.1141**, and **56.0752, -48.0845, 33.7115** is the 20% darker color. If you saturate the color by 10%, you get **77.3385, -64.5018, 42.5745**, and if you desaturate by 10%, it is **77.6081, -63.0597, 40.4804**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3369, -64.5007, 42.5740 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 77.3369, -64.5007, 42.5740 by changing the saturation by 10% instead.





 77.3369, -64.5007,  
42.5740


 77.3369, -64.5007,  
42.5740


205.8898,  
-102.8400, 76.2995

 65.7780, -59.4380,  
38.1757


 102.2534,  
-73.9668, 50.8529

 54.8589, -54.0908,  
33.5690


 115.5536,  
-78.4363, 54.7780


 44.6214, -48.3926,  
28.7275


 129.3853,  
-82.7641, 58.5850

 35.1143, -42.2513,  
23.7619

 143.7286,  
-86.9693, 62.2889

 26.3988, -35.5372,  
18.4791

 158.5659,  
-91.0675, 65.9023

 18.5545, -28.8424,  
12.9881


173.8813,

 11.6918, -20.4607,


-95.0718, 69.4360


8.1843


189.6604,  
-98.9928, 72.8991


 4.3841, -7.6721,  
3.0688


0.0000, NaN, NaN


 77.3369, -64.5007,  
42.5740


 77.3369, -64.5007,  
42.5740


 77.3385, -64.5018,  
42.5745


 77.6081, -63.0597,  
40.4804


 78.0639, -60.7594,  
37.9193


 78.7511, -57.4274,  
34.9182


 79.6926, -53.0001,  
31.5054

 80.9038, -47.4613,  
27.7192

 82.3937, -40.8343,  
23.6062

 84.1658, -33.1744,  
19.2187

 86.2194, -24.5610,  
14.6115

 88.5495, -15.0893,  
9.8388

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3385, -34.3854, 50.0656



77.3369, -64.5007, 42.5740



77.3385, -77.2931, 17.9869

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3385, -64.5017, 42.5743



77.3385, -19.5505, -148.4765



77.3385, 106.7719, 29.4424

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.3369, -64.5007, 42.5740



45.3073, 83.9122, -19.7336

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3385, 113.6348, -12.6865



77.3369, -64.5007, 42.5740



77.3385, 31.6346, -137.7341

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3385, -64.5017, 42.5743



77.3385, -55.9955, -102.6257



77.3385, 83.3967, -78.7652



77.3385, 66.4923, 46.4623



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3369, -64.5007, 42.5740



77.3385, -77.2029, -13.7098



77.3385, 83.3967, -78.7652



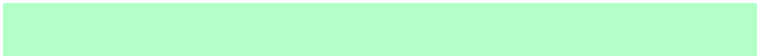
77.3385, 113.3967, 18.6586

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.3385, -64.5017, 42.5743



92.3113, -36.5157, 21.1513



82.6001, -43.4217, 50.1376



42.3098, -18.5992, 10.7432

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3385, -64.5017, 42.5743



84.8428, -70.8047, 46.8010



79.1967, -53.0255, 15.4779



41.1482, -6.7564, 4.4453



57.7112, -48.0169, 31.5208



16.2211, -13.1480, 8.1078



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.3073, 83.9122, -19.7336



49.6938, 92.0137, -21.4664



42.3523, 73.1769, 22.3473



39.0351, 2.6763, -0.0824



33.8332, 62.7198, -15.1868

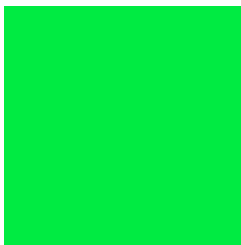


9.5662, 17.8799, -5.4265



# Previews

## White Background



This preview shows how the HunterLab color 77.3369, -64.5007, 42.5740 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

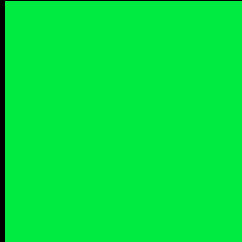
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.3369, -64.5007, 42.5740 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

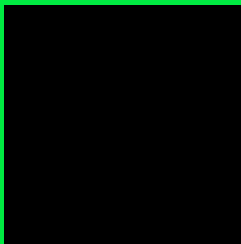
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

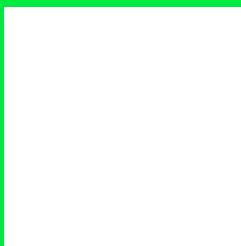
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 77.3369, -64.5007, 42.5740 Background



This preview shows how black text looks on a background with the HunterLab color 77.3369, -64.5007, 42.5740.



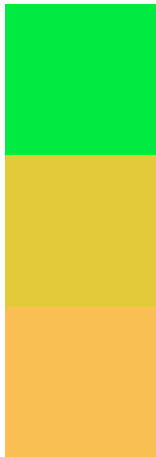
This preview shows how white text looks on a background with the HunterLab color 77.3369,

-64.5007, 42.5740.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

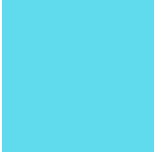
77.3369, -64.5007, 42.5740

### Protanopia

76.6193, -10.0901, 44.0404

### Deuteranopia

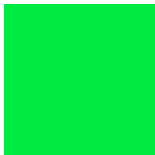
76.2855, 5.9069, 40.9060



## **Tritanopia**

76.9833, -29.3563, -14.7836

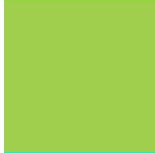
# Trichromacy



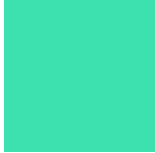
**Original Color**  
77.3369, -64.5007, 42.5740



**Protanomaly**  
73.7216, -40.9661, 41.2716

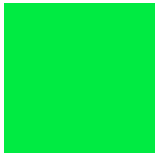


**Deuteranomaly**  
72.4696, -33.4322, 38.4761



**Tritanomaly**  
76.1168, -47.4037, 14.4813

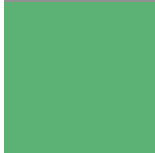
# Monochromacy



**Original Color**  
77.3369, -64.5007, 42.5740



**Achromatopsia**  
53.2117, -2.8392, 2.8911



**Achromatomaly**  
59.4786, -33.6030, 19.5916

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.3369, -64.5007, 42.5740 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 235, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 66)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 235, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 66) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.3369, -64.5007, 42.5740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 235, 66) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(0, 235, 66) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(0, 235, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 66);  
box-shadow:4px 4px 4px 4px rgb(0, 235, 66)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 77.3369, -64.5007, 42.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 66) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 235,  
66) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor