

Converting Colors

HunterLab(77.8091, -65.5897,
45.6989)

Have a look what the booklet for
HunterLab(77.8091, -65.5897,
45.6989) contains.

HunterLab(77.6498, -65.4371, 45.6032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(77.6498,
-65.4371, 45.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	18EC21
RGB	24, 236, 33
RGB Percent	9%, 93%, 13%
CMY	0.9059, 0.0745, 0.8705
CMYK	0.90, 0.00, 0.86, 0.07
HSL	123°, 85%, 51%
HSV	123°, 90%, 93%
XYZ	30.6467, 60.2949, 11.4617
YIQ	149.4700, -61.1890, -108.0770

Conversions

Conversions Part 2

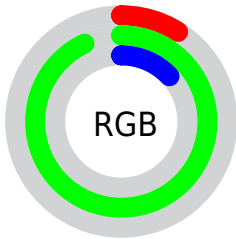
Format	Color
RYB	24, 227, 236
Decimal	1633313
CIELab	82.00, -79.55, 74.53
CIELCh	82, 109.004, 136.865
Yxy	60.2974, 0.2993, 0.5888
Android (android.graphics.Color)	4279823393 (0xFF18EC21)
YUV	149.4700, -57.4197, -110.0372
Hunter-Lab	77.6498, -65.4371, 45.6032

Details

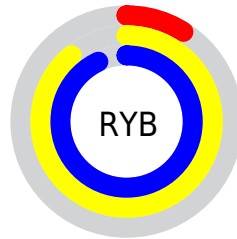
The HunterLab color **77.6498, -65.4371, 45.6032** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **49.0230, 91.8403, -56.0708**, and the grayscale version is **55.2557, -2.9483, 3.0021**.

A 20% lighter version of the original color is **87.3854, -59.6395, 44.6221**, and **56.4276, -48.3867, 33.9234** is the 20% darker color. If you saturate the color by 10%, you get **77.4718, -66.3183, 46.3478**, and if you desaturate by 10%, it is **78.0345, -63.5879, 44.1664**.

Distribution



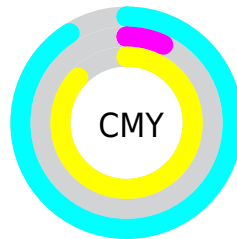
- Red (9%)
- Green (93%)
- Blue (13%)



- Red (9%)
- Yellow (89%)
- Blue (93%)



- Cyan (90%)
- Magenta (0%)
- Yellow (86%)
- Black (7%)





- Cyan (91%)
- Magenta (7%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6498, -65.4371, 45.6032 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 77.6498, -65.4371, 45.6032 by changing the saturation by 10% instead.


 77.6498, -65.4371,
45.6032


 77.6498, -65.4371,
45.6032


206.3233,
-104.3165, 83.6006


 66.0745, -60.2996,
40.6339


 102.5968,
-75.0417, 54.9647


 55.1381, -54.8730,
35.4426


 115.9113,
-79.5756, 59.3997

 44.8820, -49.0905,
30.0163


 129.7567,
-83.9650, 63.6965

 35.3550, -42.8592,
24.7485

 144.1132,
-88.2294, 67.8712

 26.6176, -36.0494,
18.6323

 158.9633,
-92.3845, 71.9377

 18.7491, -29.2597,
13.1244

 174.2911,

 11.8588, -20.7529,

-96.4437, 75.9081

8.3012

190.0822,
-100.4179, 79.7927

■ 4.7050, -8.2337,
3.2935

0.0000, NaN, NaN

■ 77.6498, -65.4371,
45.6032

■ 77.6498, -65.4371,
45.6032

■ 77.4718, -66.3183,
46.3478


■ 78.0345, -63.5879,
44.1664


■ 77.4696, -66.3288,
46.3547


■ 78.6725, -60.5510,
41.9562


■ 79.5936, -56.2328,
38.9268


■ 80.8167, -50.6004,
35.0685

 82.3527, -43.6733,
30.4025

 84.2063, -35.5139,
24.9761

 86.3762, -26.2173,
18.8553

 88.8564, -15.9001,
12.1182

 91.6375, -4.6897,
4.8487

Harmonies

Analogous

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



77.6514, -31.5770, 51.5480



77.6498, -65.4371, 45.6032



77.6514, -80.5996, 23.1993

Triad

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



77.6514, -65.4382, 45.6035



77.6514, -25.9908, -162.0427



77.6514, 119.5420, 27.4348

Complementary

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



77.6498, -65.4371, 45.6032



49.0230, 91.8403, -56.0708

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.



77.6514, 122.2234, -21.2097



77.6498, -65.4371, 45.6032



77.6514, 27.7126, -157.7374

Square

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



77.6514, -65.4382, 45.6035



77.6514, -62.2993, -105.1348



77.6514, 85.1741, -95.6670



77.6514, 78.6103, 46.9259

Rectangle

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



77.6498, -65.4371, 45.6032



77.6514, -81.6782, -8.2880



77.6514, 85.1741, -95.6670



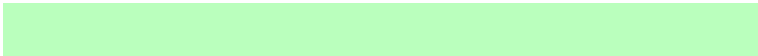
77.6514, 125.2679, 14.9529

Sweetspot

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



77.6514, -65.4382, 45.6035



92.5502, -36.1359, 25.5260



87.5825, -25.9819, 52.9280



42.4639, -18.2525, 12.8236

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6514, -65.4382, 45.6035



84.5836, -72.4300, 50.6335



78.7373, -58.6852, 29.6491



41.0762, -7.1590, 5.4767



57.5195, -49.2183, 34.3538



16.1296, -13.7207, 9.4585

Inverse Universe

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



49.0230, 91.8403, -56.0708



52.7270, 102.7024, -62.0965



44.6266, 75.8628, 3.9586



39.1179, 3.1190, -1.2567



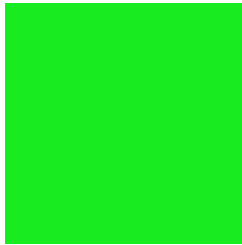
35.8617, 69.8656, -42.3394



10.0663, 19.6373, -12.0873

Previews

White Background



This preview shows how the HunterLab color 77.6498, -65.4371, 45.6032 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 77.6498, -65.4371, 45.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

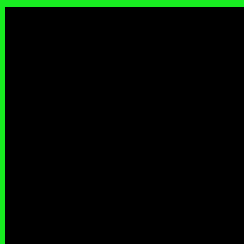
Any Text WCAG AA ✓ Pass

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 77.6498, -65.4371, 45.6032 Background



This preview shows how black text looks on a background with the HunterLab color 77.6498, -65.4371, 45.6032.



This preview shows how white text looks on a background with the HunterLab color 77.6498, -65.4371, 45.6032.

-65.4371, 45.6032.

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

77.6498, -65.4371, 45.6032

Protanopia

76.6766, -10.1962, 46.4823

Deuteranopia

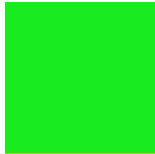
76.7517, 5.6285, 44.0902



Tritanopia

77.5032, -29.1199, -14.0451

Trichromacy



Original Color

77.6498, -65.4371, 45.6032



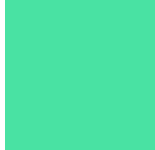
Protanomaly

74.1874, -39.4574, 44.2421



Deuteranomaly

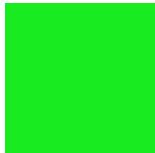
73.4085, -31.9082, 42.2381



Tritanomaly

76.4549, -48.4511, 19.3920

Monochromacy



Original Color

77.6498, -65.4371, 45.6032



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

60.8706, -33.5448, 23.3722

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6498, -65.4371, 45.6032 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(24, 236, 33)` looks like.

```
.text, #text, p{  
    color:rgb(24, 236, 33)  
}
```

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(24, 236, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 236, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6498, -65.4371, 45.6032 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(24, 236, 33) }
```


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

```
.border{ border-color:rgb(24, 236, 33) }
```

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

Here you see how a box with a 4 pixel rgb(24, 236, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 236, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 236, 33);  
box-shadow:4px 4px 4px 4px rgb(24, 236,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6498, -65.4371, 45.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 236, 33) }
```

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

```
.background{ background-color: rgb(24, 236,  
33) }
```

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