

# Converting Colors

HunterLab(77.6235, -55.7887,  
41.4305)

Have a look what the booklet for  
HunterLab(77.6235, -55.7887,  
41.4305) contains.

<b>HunterLab(77.5722, -55.8133, 41.4561)</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(77.5722,  
-55.8133, 41.4561)**

# Conversions

Conversions Part 1	
Format	Color
Hex	60E74D
RGB	96, 231, 77
RGB Percent	38%, 91%, 30%
CMY	0.6235, 0.0941, 0.6980
CMYK	0.58, 0.00, 0.67, 0.09
HSL	113°, 76%, 60%
HSV	113°, 67%, 91%
XYZ	34.7393, 60.1745, 16.8051
YIQ	173.0790, -31.0260, -76.5140

# Conversions

## Conversions Part 2

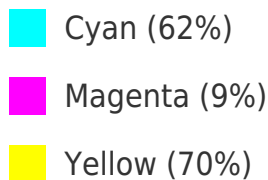
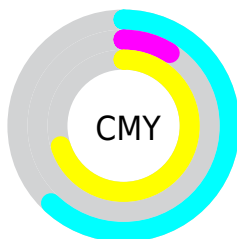
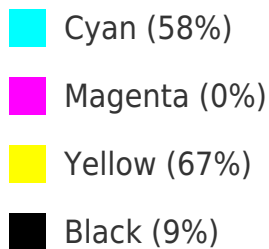
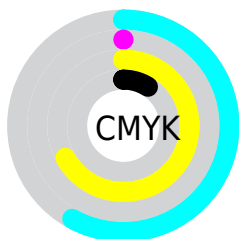
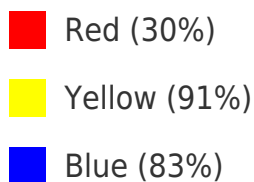
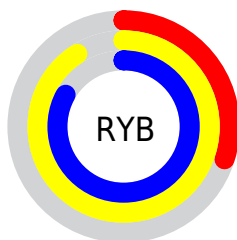
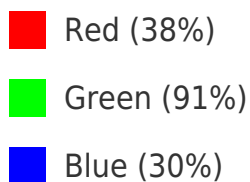
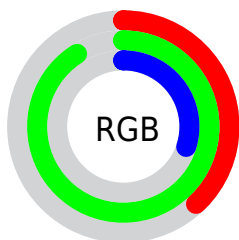
Format	Color
<a href="#">RYB</a>	<a href="#">77, 231, 212</a>
Decimal	<a href="#">6350669</a>
CIELab	<a href="#">81.93, -64.64, 61.57</a>
CIELCh	<a href="#">82, 89.266, 136.392</a>
Yxy	<a href="#">60.1770, 0.3110, 0.5386</a>
Android (android.graphics.Color)	<a href="#">4284540749</a> (0xFF60E74D)
YUV	<a href="#">173.0790, -47.3669, -67.5983</a>
Hunter-Lab	<a href="#">77.5722, -55.8133, 41.4561</a>

# Details

The HunterLab color **77.5722, -55.8133, 41.4561** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **50.0766, 70.0352, -57.4317**, and the grayscale version is **64.8777, -3.4617, 3.5249**.

A 20% lighter version of the original color is **89.6967, -49.4566, 39.9753**, and **55.0340, -47.0922, 32.8707** is the 20% darker color. If you saturate the color by 10%, you get **76.7763, -59.4924, 43.5816**, and if you desaturate by 10%, it is **78.6172, -51.0325, 38.4374**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.5722, -55.8133, 41.4561 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 77.5722, -55.8133, 41.4561 by changing the saturation by 10% instead.





 77.5722, -55.8133,  
41.4561


 77.5722, -55.8133,  
41.4561


206.2159,  
-88.2572, 73.6053

 66.0010, -51.5975,  
37.2749


 102.5116,  
-63.7394, 49.3296

 55.0688, -47.1604,  
32.8941


 115.8227,  
-67.5011, 53.0657

 44.8174, -42.4488,  
28.2841


 129.6646,  
-71.1554, 56.6920

 35.2953, -37.3865,  
23.4463

 144.0179,  
-74.7174, 60.2227

 26.5633, -31.8625,  
18.5943

 158.8648,  
-78.1992, 63.6700

 18.7008, -25.7573,  
13.0906


174.1896,

 11.8173, -20.6803,


-81.6110, 67.0440


8.2721


189.9777,  
-84.9613, 70.3532


 4.6275, -8.0981,  
3.2393


0.0000, NaN, NaN


 77.5722, -55.8133,  
41.4561


 77.5722, -55.8133,  
41.4561


 76.7763, -59.4924,  
43.5816


 78.6172, -51.0325,  
38.4374


 76.2093, -62.1041,  
44.8745


 79.9162, -45.1483,  
34.5010


 75.8504, -63.7369,  
45.4499


 81.4754, -38.1973,  
29.6558

 75.7682, -64.1100,  
45.5657

 83.2957, -30.2417,  
23.9360

 85.3741, -21.3626,  
17.3954

 87.7048, -11.6534,  
10.1009

 90.2797, -1.2130,  
2.1271

 92.5388, 7.5458,  
-3.4615

# Harmonies

## Analogous

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



77.5738, -26.3277, 48.3074



77.5722, -55.8133, 41.4561



77.5738, -69.7569, 20.6813

# Triad

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



77.5738, -55.8145, 41.4565



77.5738, -22.8261, -119.4308



77.5738, 93.3047, 23.4592

# Complementary

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



77.5722, -55.8133, 41.4561



50.0766, 70.0352, -57.4317

# 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.



77.5738, 94.8274, -16.8848



77.5722, -55.8133, 41.4561



77.5738, 20.8535, -117.1518

# Square

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



77.5738, -55.8145, 41.4565



77.5738, -53.7394, -78.1104



77.5738, 66.0415, -72.9606



77.5738, 62.2510, 42.5270



# Rectangle

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



77.5722, -55.8133, 41.4561



77.5738, -70.9019, -5.1507



77.5738, 66.0415, -72.9606



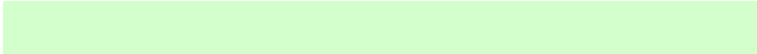
77.5738, 97.4894, 12.5549

# Sweetspot

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



77.5738, -55.8145, 41.4565



94.6699, -27.4272, 22.0776



79.9073, -11.4830, 43.8272



43.4941, -13.9901, 11.1728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.5738, -55.8145, 41.4565



85.6167, -67.7874, 49.4010



77.7424, -53.6111, 29.9121



40.2168, -6.6713, 5.6401



56.7546, -47.8938, 34.1335



15.5185, -12.6349, 9.3412



# Inverse Universe

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



50.0766, 70.0352, -57.4317



51.3651, 90.1737, -75.9747



50.3737, 65.2914, -15.2735



38.1055, 2.6953, -1.5920



32.1724, 65.1496, -57.1421

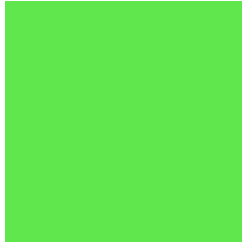


8.8901, 17.9130, -15.0962



# Previews

## White Background



This preview shows how the HunterLab color 77.5722, -55.8133, 41.4561 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

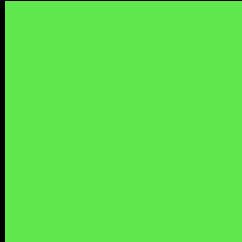
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.5722, -55.8133, 41.4561 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

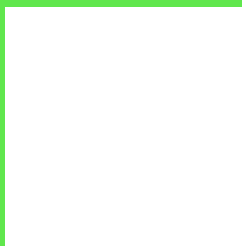
Any Text WCAG AAA ✓ Pass

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

## HunterLab 77.5722, -55.8133, 41.4561 Background



This preview shows how black text looks on a background with the HunterLab color 77.5722, -55.8133, 41.4561.



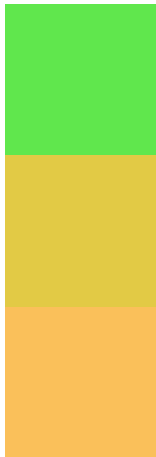
This preview shows how white text looks on a background with the HunterLab color 77.5722, -55.8133, 41.4561.

-55.8133, 41.4561.

# 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

77.5722, -55.8133, 41.4561

### Protanopia

76.7069, -9.6038, 42.7465

### Deuteranopia

76.6560, 5.8452, 39.8559



## **Tritanopia**

77.2921, -23.3242, -11.9168

# Trichromacy



**Original Color**  
77.5722, -55.8133, 41.4561



**Protanomaly**  
75.9211, -30.4601, 41.4611

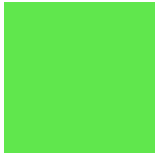


**Deuteranomaly**  
75.0119, -21.9054, 39.0455



**Tritanomaly**  
76.6153, -38.1717, 14.7557

# Monochromacy



**Original Color**  
77.5722, -55.8133, 41.4561



**Achromatopsia**  
64.6440, -3.4492, 3.5122



**Achromatomaly**  
68.1456, -26.1191, 20.6137

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.5722, -55.8133, 41.4561 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(96, 231, 77)` looks like.

```
.text, #text, p{  
    color:rgb(96, 231, 77)  
}
```

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(96, 231, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 231, 77) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.5722, -55.8133, 41.4561 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(96, 231, 77) }
```



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

```
.border{ border-color:rgb(96, 231, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 231, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 231, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 231, 77);  
box-shadow:4px 4px 4px 4px rgb(96, 231,  
77) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.5722, -55.8133, 41.4561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 231, 77) }
```

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

```
.background{ background-color: rgb(96, 231,  
77) }
```

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