

Converting Colors

HunterLab(80.7675, -61.4222,
45.1762)

Have a look what the booklet for
HunterLab(80.7675, -61.4222,
45.1762) contains.

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Color

**HunterLab(80.7540,
-61.4637, 45.1229)**

Conversions

Conversions Part 1	
Format	Color
Hex	55F140
RGB	85, 241, 64
RGB Percent	33%, 95%, 25%
CMY	0.6667, 0.0549, 0.7490
CMYK	0.65, 0.00, 0.73, 0.05
HSL	113°, 86%, 60%
HSV	113°, 73%, 95%
XYZ	36.1270, 65.2121, 15.5337
YIQ	174.1780, -36.1590, -88.1190

Conversions

Conversions Part 2

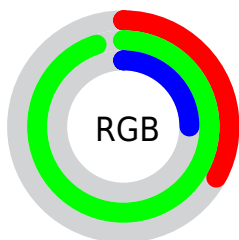
Format	Color
RYB	64, 241, 220
Decimal	5632320
CIELab	84.59, -71.40, 68.93
CIELCh	85, 99.246, 136.009
Yxy	65.2148, 0.3091, 0.5580
Android (android.graphics.Color)	4283822400 (0xFF55F140)
YUV	174.1780, -54.3178, -78.2091
Hunter-Lab	80.7540, -61.4637, 45.1229

Details

The HunterLab color **80.7540, -61.4637, 45.1229** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **50.2357, 79.9092, -65.8684**, and the grayscale version is **65.3637, -3.4876, 3.5513**.

A 20% lighter version of the original color is **89.2191, -51.6539, 41.8363**, and **58.1953, -49.9025, 34.9861** is the 20% darker color. If you saturate the color by 10%, you get **80.0923, -64.5275, 46.7429**, and if you desaturate by 10%, it is **81.6693, -57.2544, 42.6023**.

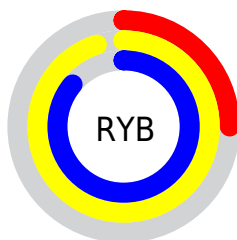
Distribution



Red (33%)

Green (95%)

Blue (25%)



Red (25%)

Yellow (95%)

Blue (86%)

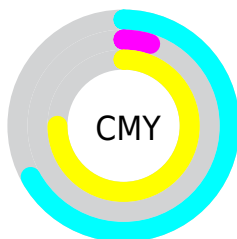


Cyan (65%)

Magenta (0%)

Yellow (73%)

Black (5%)



Cyan (67%)


Magenta (5%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.7540, -61.4637, 45.1229 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 80.7540, -61.4637, 45.1229 by changing the saturation by 10% instead.


 80.7540, -61.4637,
45.1229


 80.7540, -61.4637,
45.1229


210.6095,
-96.5540, 80.3317


 69.0183, -56.8907,
40.5427


 105.9994,
-70.0575, 53.7585


 57.9121, -52.0786,
35.7540


 119.4536,
-74.1326, 57.8567

 47.4753, -46.9729,
30.7330


 133.4334,
-78.0885, 61.8327

 37.7538, -41.4963,
25.5541

 147.9196,
-81.9413, 65.7015

 28.8048, -35.5395,
20.1634

 162.8952,
-85.7041, 69.4756

 20.7019, -28.9440,
14.4913


178.3445,

 13.5448, -23.7035,


-89.3879, 73.1661


9.4814


194.2536,
-93.0019, 76.7821


 7.1318, -12.4806,
4.9922


0.0000, NaN, NaN


 80.7540, -61.4637,
45.1229


 80.7540, -61.4637,
45.1229


 80.0923, -64.5275,
46.7429


 81.6693, -57.2544,
42.6023


 79.6576, -66.5178,
47.5609


 82.8475, -51.8682,
39.1282


 79.4786, -67.3277,
47.7957


 84.2991, -45.3200,
34.6880


 86.0280, -37.6569,
29.3003

 88.0335, -28.9522,
23.0089

 90.3116, -19.2976,
15.8763

 92.8551, -8.7955,
7.9771

 95.5935, 2.1171,
0.2627

 95.5998, 2.1386,
0.2709

Harmonies

Analogous

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



80.7557, -28.6562, 51.7794



80.7540, -61.4637, 45.1229



80.7557, -76.8283, 23.1776

Triad

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



80.7557, -61.4649, 45.1233



80.7557, -25.8234, -139.5883



80.7557, 107.4738, 25.3876

Complementary

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



80.7540, -61.4637, 45.1229



50.2357, 79.9092, -65.8684

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.



80.7557, 108.7525, -20.3730



80.7540, -61.4637, 45.1229



80.7557, 23.3055, -137.6215

Square

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



80.7557, -61.4649, 45.1233



80.7557, -59.8188, -90.1375



80.7557, 75.1309, -85.7402



80.7557, 71.9680, 45.9136

Rectangle

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



80.7540, -61.4637, 45.1229



80.7557, -78.1946, -5.5457



80.7557, 75.1309, -85.7402



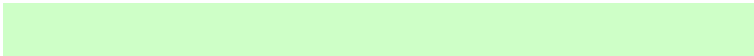
80.7557, 112.1643, 13.2147

Sweetspot

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



80.7557, -61.4649, 45.1233



94.1790, -29.5115, 23.5382



83.0100, -11.6877, 47.4805



43.2840, -14.8873, 11.7921

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.7557, -61.4649, 45.1233



85.1428, -69.9592, 50.3563



80.9852, -59.0090, 33.6884



42.1262, -7.0261, 5.9201



58.5517, -49.4706, 35.2132



16.9735, -13.9046, 10.2155

Inverse Universe

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



50.2357, 79.9092, -65.8684



49.7356, 94.7334, -80.4770



50.5054, 74.0435, -15.8654



39.9133, 2.8649, -1.6804



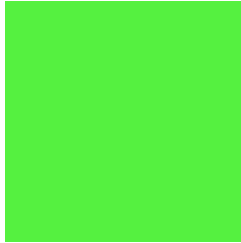
33.3271, 67.4071, -58.5680



9.7500, 19.6356, -16.4778

Previews

White Background



This preview shows how the HunterLab color 80.7540, -61.4637, 45.1229 looks on a white background.

Color Contrast Check

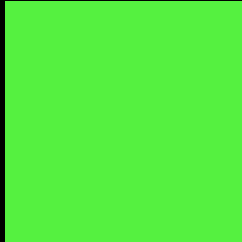
Large Text (above 18pt) WCAG AA × Fail

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 80.7540, -61.4637, 45.1229 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 80.7540, -61.4637, 45.1229 Background



This preview shows how black text looks on a background with the HunterLab color 80.7540, -61.4637, 45.1229.



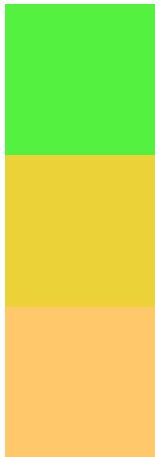
This preview shows how white text looks on a background with the HunterLab color 80.7540,

-61.4637, 45.1229.

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

80.7540, -61.4637, 45.1229

Protanopia

80.0255, -10.6259, 46.3534

Deuteranopia

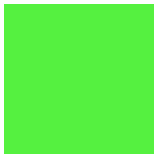
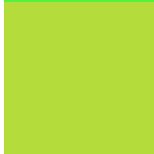

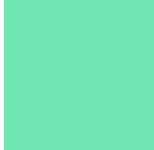
79.7685, 4.8462, 38.8989



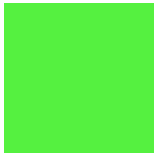
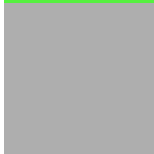

Tritanopia

80.5193, -25.9528, -13.2765

Trichromacy

	Original Color 80.7540, -61.4637, 45.1229
	Protanomaly 78.5697, -34.1991, 44.6932
	Deuteranomaly 77.9061, -25.9423, 40.0188
	Tritanomaly 79.8817, -43.0506, 17.2071

Monochromacy

	Original Color 80.7540, -61.4637, 45.1229
	Achromatopsia 65.0590, -3.4714, 3.5348
	Achromatomaly 69.1811, -29.0768, 22.7904

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.7540, -61.4637, 45.1229 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(85, 241, 64)` looks like.

```
.text, #text, p{  
    color:rgb(85, 241, 64)  
}
```

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(85, 241, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 241, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 80.7540, -61.4637, 45.1229 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(85, 241, 64) }
```


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

```
.border{ border-color:rgb(85, 241, 64) }
```

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

Here you see how a box with a 4 pixel rgb(85, 241, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 241, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 241, 64);  
box-shadow:4px 4px 4px 4px rgb(85, 241,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.7540, -61.4637, 45.1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 241, 64) }
```

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

```
.background{ background-color: rgb(85, 241,  
64) }
```

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](#).

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