

Converting Colors

HunterLab(77.0287, -53.1045,
45.5369)

Have a look what the booklet for
HunterLab(77.0287, -53.1045,
45.5369) contains.

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Color

**HunterLab(77.0057,
-53.1817, 45.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	74E41F
RGB	116, 228, 31
RGB Percent	45%, 89%, 12%
CMY	0.5451, 0.1059, 0.8784
CMYK	0.49, 0.00, 0.86, 0.11
HSL	94°, 78%, 51%
HSV	94°, 86%, 89%
XYZ	35.1932, 59.2988, 10.8873
YIQ	172.0540, -3.5150, -85.0110

Conversions

Conversions Part 2

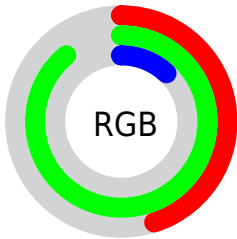
Format	Color
R_{YB}	31, 228, 143
Decimal	7660575
CIE _{Lab}	81.46, -61.03, 75.20
CIE _{LCh}	81, 96.845, 129.062
Yxy	59.3013, 0.3340, 0.5627
Android (android.graphics.Color)	4285850655 (0xFF74E41F)
YUV	172.0540, -69.5396, -49.1594
Hunter-Lab	77.0057, -53.1817, 45.5214

Details

The HunterLab color **77.0057, -53.1817, 45.5214** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **35.2471, 69.1034, -100.5426**, and the grayscale version is **64.5338, -3.4434, 3.5062**.

A 20% lighter version of the original color is **90.4151, -47.4801, 47.3048**, and **54.8939, -44.1296, 33.0528** is the 20% darker color. If you saturate the color by 10%, you get **76.4153, -55.7368, 45.9280**, and if you desaturate by 10%, it is **77.7291, -50.0155, 44.3761**.

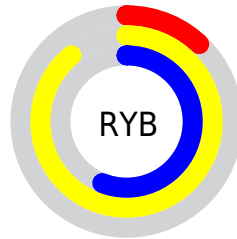
Distribution



Red (45%)

Green (89%)

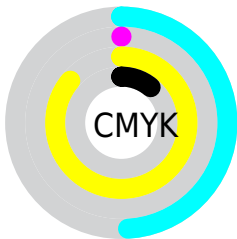
Blue (12%)



Red (12%)

Yellow (89%)

Blue (56%)

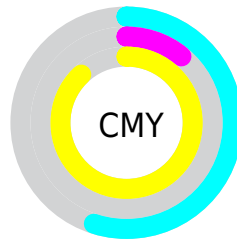


Cyan (49%)

Magenta (0%)

Yellow (86%)

Black (11%)



Cyan (55%)

Magenta (11%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0057, -53.1817, 45.5214 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 77.0057, -53.1817, 45.5214 by changing the saturation by 10% instead.

■ 77.0057, -53.1817,
45.5214

■ 77.0057, -53.1817,
45.5214

205.4307,
-84.1304, 83.8821

■ 65.4643, -49.1767,
40.5007

■ 101.8899,
-60.7218, 54.9787

■ 54.5637, -44.9645,
35.2565

■ 115.1750,
-64.3048, 59.4580

■ 44.3459, -40.4949,
29.7781

■ 128.9921,
-67.7885, 63.7967

■ 34.8600, -35.6948,
24.4020

■ 143.3213,
-71.1870, 68.0112

■ 26.1675, -30.4571,
18.3173

■ 158.1451,
-74.5117, 72.1156

■ 18.3490, -24.6398,
12.8443

■ 173.4474,

■ 11.5157, -20.1525,

-77.7720, 76.1220

8.0610

189.2137,
-80.9761, 80.0411

■ 4.0161, -7.0282,
2.8113

0.0000, NaN, NaN

■ 77.0057, -53.1817,
45.5214

■ 77.0057, -53.1817,
45.5214

■ 76.4153, -55.7368,
45.9280

■ 77.7291, -50.0155,
44.3761

■ 76.2276, -56.5415,
45.9812

■ 78.5901, -46.1967,
42.3749

■ 79.5964, -41.7123,
39.4462

■ 80.7519, -36.5649,
35.5487

■ 82.0585, -30.7701,
30.6656

■ 83.5166, -24.3540,
24.8005

■ 85.1252, -17.3505,
17.9731

■ 86.8822, -9.7990,
10.2165

■ 88.7845, -1.7426,
1.5732

Harmonies

Analogous

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



77.0074, -17.8346, 49.9295



77.0057, -53.1817, 45.5214



77.0074, -71.6399, 29.0171

Triad

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



77.0074, -53.1832, 45.5217



77.0074, -33.8170, -127.0603



77.0074, 106.9773, 16.5385

Complementary

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



77.0057, -53.1817, 45.5214



35.2471, 69.1034, -100.5426

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.



77.0074, 99.7573, -33.2873



77.0057, -53.1817, 45.5214



77.0074, 10.6421, -138.1730

Square

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



77.0074, -53.1832, 45.5217



77.0074, -62.4651, -72.0308



77.0074, 61.5020, -96.8765



77.0074, 79.3583, 41.0674

Rectangle

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



77.0057, -53.1817, 45.5214



77.0074, -75.2358, 5.5857



77.0074, 61.5020, -96.8765



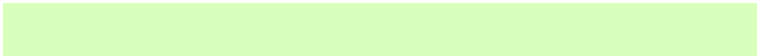
77.0074, 108.6627, 2.7711

Sweetspot

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



77.0074, -53.1832, 45.5217



94.8574, -27.4677, 27.9843



60.1093, 19.5691, 36.1021



43.6088, -13.9210, 14.0828

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.0074, -53.1832, 45.5217



86.5077, -64.3295, 52.1794



74.8089, -62.2741, 43.1067



40.4866, -5.7057, 5.9500



57.9813, -42.7237, 34.9798



15.9319, -10.9096, 9.6262

Inverse Universe

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



35.2471, 69.1034, -100.5426



36.3848, 82.1530, -130.3073



47.3023, 86.0365, -49.8209



37.8014, 1.6714, -1.9994



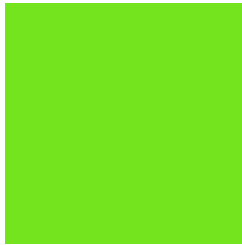
24.5552, 55.2235, -86.2389



7.0724, 15.4912, -21.6270

Previews

White Background



This preview shows how the HunterLab color 77.0057, -53.1817, 45.5214 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 77.0057, -53.1817, 45.5214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

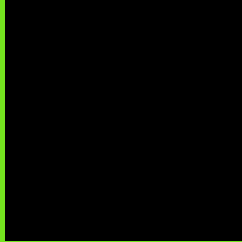
Any Text WCAG AA ✓ Pass

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 77.0057, -53.1817, 45.5214 Background



This preview shows how black text looks on a background with the HunterLab color 77.0057, -53.1817, 45.5214.



This preview shows how white text looks on a background with the HunterLab color 77.0057,

-53.1817, 45.5214.

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

77.0057, -53.1817, 45.5214

Protanopia

76.2641, -10.0917, 46.2268

Deuteranopia

76.3105, 5.5536, 44.3111



Tritanopia

76.7171, -18.9877, -10.3493

Trichromacy



Original Color

77.0057, -53.1817, 45.5214



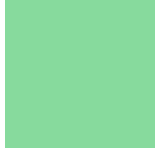
Protanomaly

75.6462, -28.6422, 45.3906



Deuteranomaly

74.8862, -19.7013, 43.7532



Tritanomaly

75.9790, -36.2907, 21.2908

Monochromacy



Original Color

77.0057, -53.1817, 45.5214



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

67.6426, -25.3550, 25.3816

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0057, -53.1817, 45.5214 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(116, 228, 31)` looks like.

```
.text, #text, p{  
    color:rgb(116, 228, 31)  
}
```

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(116, 228, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 228, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0057, -53.1817, 45.5214 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(116, 228, 31) }
```


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

```
.border{ border-color:rgb(116, 228, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 228, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 228, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 228, 31);  
box-shadow:4px 4px 4px 4px rgb(116, 228,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0057, -53.1817, 45.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 228, 31) }
```

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

```
.background{ background-color: rgb(116,  
228, 31) }
```

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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