

Converting Colors

HunterLab(75.7061, -52.0217,
45.3641)

Have a look what the booklet for
HunterLab(75.7061, -52.0217,
45.3641) contains.

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Color

**HunterLab(75.5848,
-51.7781, 45.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	75E010
RGB	117, 224, 16
RGB Percent	46%, 88%, 6%
CMY	0.5412, 0.1216, 0.9372
CMYK	0.48, 0.00, 0.93, 0.12
HSL	91°, 87%, 47%
HSV	91°, 93%, 88%
XYZ	34.0853, 57.1306, 9.7211
YIQ	168.2950, 2.9960, -87.3720

Conversions

Conversions Part 2

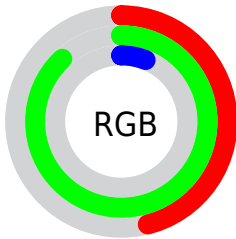
Format	Color
RYB	16, 224, 123
Decimal	7725072
CIELab	80.25, -59.65, 76.56
CIElCh	80, 97.059, 127.923
Yxy	57.1331, 0.3377, 0.5660
Android (android.graphics.Color)	4285915152 (0xFF75E010)
YUV	168.2950, -75.0814, -44.9857
Hunter-Lab	75.5848, -51.7781, 45.2840

Details

The HunterLab color $75.5848, -51.7781, 45.2840$ 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 $31.5694, 68.0892, -111.8057$, and the grayscale version is $62.9988, -3.3615, 3.4228$.

A 20% lighter version of the original color is $90.4103, -47.6389, 48.3858$, and $53.5569, -42.6710, 32.2545$ is the 20% darker color. If you saturate the color by 10%, you get $75.1994, -53.4249, 45.4022$, and if you desaturate by 10%, it is $76.2144, -49.0728, 44.6494$.

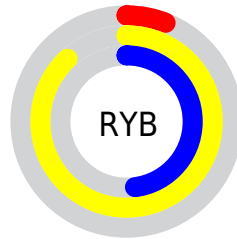
Distribution



Red (46%)

Green (88%)

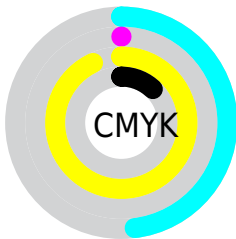
Blue (6%)



Red (6%)

Yellow (88%)

Blue (48%)

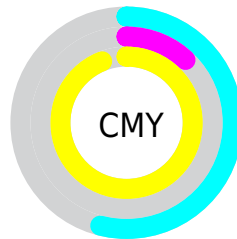


Cyan (48%)

Magenta (0%)

Yellow (93%)

Black (12%)



Cyan (54%)

Magenta (12%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.5848, -51.7781, 45.2840 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 75.5848, -51.7781, 45.2840 by changing the saturation by 10% instead.

■ 75.5848, -51.7781,
45.2840

■ 75.5848, -51.7781,
45.2840

203.4571,
-82.2362, 84.4023

■ 64.1187, -47.8347,
40.1560

■ 100.3291,
-59.1991, 54.9415

■ 53.2979, -43.6853,
34.8020

■ 113.5488,
-62.7249, 59.5131

■ 43.1653, -39.2787,
29.2476

■ 127.3030,
-66.1528, 63.9394

■ 33.7713, -34.5406,
23.6399

■ 141.5717,
-69.4969, 68.2369

■ 25.1792, -29.3609,
17.6255

■ 156.3368,
-72.7687, 72.4202

■ 17.4725, -23.6809,
12.2307

■ 171.5824,

■ 10.7675, -18.8432,

-75.9774, 76.5018

7.5373

187.2936,
-79.1310, 80.4927

■ 1.6782, -2.9368,
1.1747

0.0000, NaN, NaN

■ 75.5848, -51.7781,
45.2840

■ 75.5848, -51.7781,
45.2840

■ 75.1994, -53.4249,
45.4022

■ 76.2144, -49.0728,
44.6494

■ 76.9600, -45.8061,
43.2385

■ 77.8306, -41.9521,
40.9558

■ 78.8311, -37.5011,
37.7403

■ 79.9646, -32.4568,
33.5574

■ 81.2325, -26.8332,
28.3941

■ 82.6350, -20.6531,
22.2552

■ 84.1714, -13.9452,
15.1599

■ 85.8399, -6.7430,
7.1389

Harmonies

Analogous

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



75.5864, -16.0472, 49.2763



75.5848, -51.7781, 45.2840



75.5864, -70.6648, 29.7378

Triad

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



75.5864, -51.7796, 45.2843



75.5864, -34.9769, -125.9891



75.5864, 107.3538, 14.9898

Complementary

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



75.5848, -51.7781, 45.2840



31.5694, 68.0892, -111.8057

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.



75.5864, 98.7510, -35.6558



75.5848, -51.7781, 45.2840



75.5864, 8.7730, -139.2878

Square

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



75.5864, -51.7796, 45.2843



75.5864, -62.7372, -69.6845



75.5864, 59.6113, -99.3711



75.5864, 80.8659, 40.0857

Rectangle

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



75.5848, -51.7781, 45.2840



75.5864, -74.5900, 7.1520



75.5864, 59.6113, -99.3711



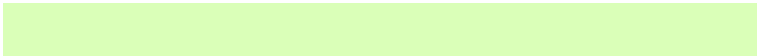
75.5864, 108.5695, 0.9452

Sweetspot

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



75.5864, -51.7796, 45.2843



94.8210, -27.8320, 29.7233



54.1494, 29.0315, 33.3372



43.5498, -14.2838, 15.1241

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.5864, -51.7796, 45.2843



87.0578, -62.0449, 52.5584



73.1174, -62.1273, 43.5688



39.5754, -5.3945, 5.8543



57.4302, -40.5144, 34.6790



15.2948, -9.9496, 9.2504

Inverse Universe

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



31.5694, 68.0892, -111.8057



34.7288, 80.2632, -138.7122



46.4772, 89.1205, -59.7670



36.8623, 1.4497, -2.0101



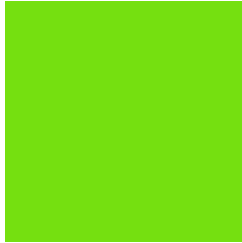
23.0926, 53.1118, -90.2319



6.5029, 14.4754, -21.6808

Previews

White Background



This preview shows how the HunterLab color 75.5848, -51.7781, 45.2840 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 75.5848, -51.7781, 45.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

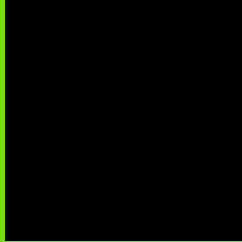
Any Text WCAG AA ✓ Pass

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 75.5848, -51.7781, 45.2840 Background



This preview shows how black text looks on a background with the HunterLab color 75.5848, -51.7781, 45.2840.



This preview shows how white text looks on a background with the HunterLab color 75.5848,

-51.7781, 45.2840.

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

75.5848, -51.7781, 45.2840

Protanopia

74.8840, -10.3717, 45.9616

Deuteranopia

75.0464, 5.6332, 44.1326



Tritanopia

75.2722, -17.8981, -10.0403

Trichromacy



Original Color

75.5848, -51.7781, 45.2840

Protanomaly

74.0467, -28.0628, 44.9980

Deuteranomaly

73.7009, -19.2803, 43.7339

Tritanomaly

74.4406, -35.6430, 22.5992

Monochromacy



Original Color

75.5848, -51.7781, 45.2840

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

65.9911, -25.2533, 26.1849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.5848, -51.7781, 45.2840 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(117, 224, 16)` looks like.

```
.text, #text, p{  
    color:rgb(117, 224, 16)  
}
```

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(117, 224, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 224, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 75.5848, -51.7781, 45.2840 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(117, 224, 16) }
```


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

```
.border{ border-color:rgb(117, 224, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 224, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 224, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 224, 16);  
box-shadow:4px 4px 4px 4px rgb(117, 224,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.5848, -51.7781, 45.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 224, 16) }
```

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

```
.background{ background-color: rgb(117,  
224, 16) }
```

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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