

Converting Colors

HunterLab(66.1239, -41.4341,
38.5063)

Have a look what the booklet for
HunterLab(66.1239, -41.4341,
38.5063) contains.

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Color

**HunterLab(66.2131,
-41.4117, 38.5807)**

Conversions

Conversions Part 1

Format	Color
Hex	75C524
RGB	117, 197, 36
RGB Percent	46%, 77%, 14%
CMY	0.5412, 0.2274, 0.8588
CMYK	0.41, 0.00, 0.82, 0.23
HSL	90°, 69%, 46%
HSV	90°, 82%, 77%
XYZ	27.6208, 43.8417, 8.6756
YIQ	154.7260, 4.0010, -67.0310

Conversions

Conversions Part 2

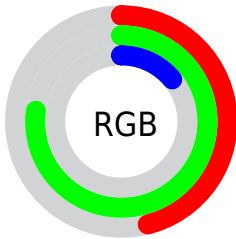
Format	Color
RYB	36, 197, 116
Decimal	7718180
CIELab	72.12, -48.66, 65.87
CIELCh	72, 81.894, 126.451
Yxy	43.8436, 0.3447, 0.5471
Android (android.graphics.Color)	4285908260 (0xFF75C524)
YUV	154.7260, -58.5319, -33.0857
Hunter-Lab	66.2131, -41.4117, 38.5807

Details

The HunterLab color **66.2131, -41.4117, 38.5807** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **30.0124, 54.0206, -84.9189**, and the grayscale version is **57.3711, -3.0612, 3.1171**.

A 20% lighter version of the original color is **89.9122, -47.6954, 47.2711**, and **44.9950, -33.4452, 27.1402** is the 20% darker color. If you saturate the color by 10%, you get **65.6594, -43.8085, 39.2384**, and if you desaturate by 10%, it is **66.8677, -38.5502, 37.2444**.

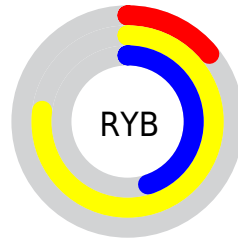
Distribution



Red (46%)

Green (77%)

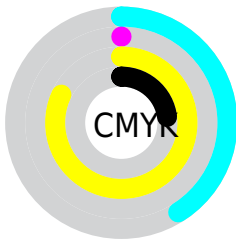
Blue (14%)



Red (14%)

Yellow (77%)

Blue (45%)

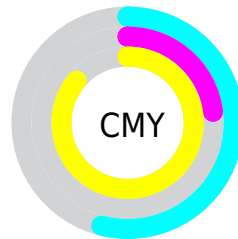


Cyan (41%)

Magenta (0%)

Yellow (82%)

Black (23%)



Cyan (54%)

Magenta (23%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.2131, -41.4117, 38.5807 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 66.2131, -41.4117, 38.5807 by changing the saturation by 10% instead.

66.2131, -41.4117,
38.5807

66.2131, -41.4117,
38.5807

190.2813,
-67.7318, 73.6598

55.2699, -38.0089,
33.9293

89.9902, -47.8067,
47.2848

45.0051, -34.4183,
29.0427

102.7589,
-50.8455, 51.3877

35.4687, -30.5864,
24.0387

116.0802,
-53.8024, 55.3536

26.7211, -26.4312,
18.7047

129.9320,
-56.6902, 59.2000

18.8412, -21.8233,
13.1888

144.2948,
-59.5194, 62.9420

11.9378, -19.5765,
8.3565

159.1509,

4.8490, -8.4857,

-62.2982, 66.5924

3.3943

174.4846,
-65.0338, 70.1619

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.2131, -41.4117,
38.5807

■ 66.2131, -41.4117,
38.5807

■ 65.6594, -43.8085,
39.2384

■ 66.8677, -38.5502,
37.2444

■ 65.2633, -45.4937,
39.4185


■ 67.6246, -35.1994,
35.1531


■ 68.4890, -31.3539,
32.2589


■ 69.4633, -27.0170,
28.5349

■ 70.5487, -22.2006,

23.9713

 71.7454, -16.9231,
18.5727

 73.0527, -11.2078,
12.3554

 74.4691, -5.0816,
5.3451

 75.9926, 1.4261,
-2.4252

Harmonies

Analogous

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



66.2145, -11.5041, 42.0686



66.2131, -41.4117, 38.5807



66.2145, -57.8484, 25.6999

Triad

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



66.2145, -41.4131, 38.5810



66.2145, -30.1381, -96.2249



66.2145, 85.2365, 10.9093

Complementary

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



66.2131, -41.4117, 38.5807



30.0124, 54.0206, -84.9189

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.



66.2145, 77.1052, -30.3854



66.2131, -41.4117, 38.5807



66.2145, 4.8265, -108.4310

Square

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



66.2145, -41.4131, 38.5810



66.2145, -52.4325, -52.0175



66.2145, 45.3998, -79.5817



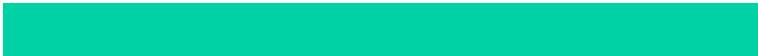
66.2145, 65.6308, 32.9236

Rectangle

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



66.2131, -41.4117, 38.5807



66.2145, -61.5717, 7.7417



66.2145, 45.3998, -79.5817



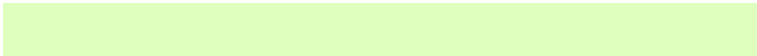
66.2145, 85.7098, -0.8188

Sweetspot

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



66.2145, -41.4131, 38.5810



95.4105, -25.3031, 27.6288



48.9826, 21.2105, 28.5331



43.8780, -12.8678, 13.9668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.2145, -41.4131, 38.5810



87.3738, -60.7272, 52.6768



63.6295, -52.1294, 36.7398



34.8505, -4.6611, 5.1244



52.9753, -36.7018, 32.0006



11.7127, -7.2305, 7.0907

Inverse Universe

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



30.0124, 54.0206, -84.9189



34.6700, 79.3770, -139.0380



40.9944, 72.1249, -49.8783



32.4684, 1.1824, -1.7348



20.9887, 48.5765, -84.3643



5.0166, 11.0937, -16.1582

Previews

White Background



This preview shows how the HunterLab color 66.2131, -41.4117, 38.5807 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 66.2131, -41.4117, 38.5807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

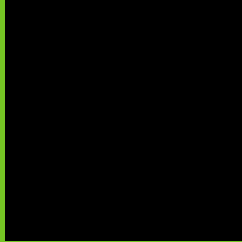
Any Text WCAG AA ✓ Pass

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 66.2131, -41.4117, 38.5807 Background



This preview shows how black text looks on a background with the HunterLab color 66.2131, -41.4117, 38.5807.



This preview shows how white text looks on a background with the HunterLab color 66.2131, -41.4117, 38.5807.

-41.4117, 38.5807.

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

66.2131, -41.4117, 38.5807

Protanopia

65.6888, -8.8469, 39.2136

Deuteranopia

65.6514, 4.6163, 37.6009



Tritanopia

65.9038, -13.0212, -7.6828

Trichromacy



Original Color

66.2131, -41.4117, 38.5807



Protanomaly

65.4372, -22.4151, 38.6916



Deuteranomaly

64.8886, -14.6835, 37.3653



Tritanomaly

65.3114, -26.8275, 17.6008

Monochromacy



Original Color

66.2131, -41.4117, 38.5807



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

59.6507, -19.7514, 21.1741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.2131, -41.4117, 38.5807 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, 197, 36)` looks like.

```
.text, #text, p{  
    color:rgb(117, 197, 36)  
}
```

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, 197, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 197, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 66.2131, -41.4117, 38.5807 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, 197, 36) }
```


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

```
.border{ border-color:rgb(117, 197, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 197, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 197, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 197, 36);  
box-shadow:4px 4px 4px 4px rgb(117, 197,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.2131, -41.4117, 38.5807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 197, 36) }
```

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

```
.background{ background-color: rgb(117,  
197, 36) }
```

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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