

Converting Colors

HunterLab(62.9648, -46.5360,
37.6653)

Have a look what the booklet for
HunterLab(62.9648, -46.5360,
37.6653) contains.

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Color

**HunterLab(62.8647,
-46.4221, 37.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	52C00C
RGB	82, 192, 12
RGB Percent	32%, 75%, 5%
CMY	0.6784, 0.2470, 0.9529
CMYK	0.57, 0.00, 0.94, 0.25
HSL	97°, 88%, 40%
HSV	97°, 94%, 75%
XYZ	22.3957, 39.5197, 6.7955
YIQ	138.5900, -7.7800, -79.3000

Conversions

Conversions Part 2

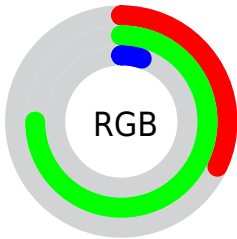
Format	Color
RYB	12, 192, 122
Decimal	5423116
CIELab	69.13, -58.10, 67.44
CIElCh	69, 89.011, 130.746
Yxy	39.5214, 0.3259, 0.5752
Android (android.graphics.Color)	4283613196 (0xFF52C00C)
YUV	138.5900, -62.4089, -49.6294
Hunter-Lab	62.8647, -46.4221, 37.5962

Details

The HunterLab color $62.8647, -46.4221, 37.5962$ is a dark color, and the websafe version is hex $66CC00$. The color can be described as dark washed green. A complement of this color would be $28.6505, 59.9858, -84.5006$, and the grayscale version is $50.8931, -2.7155, 2.7651$.

A 20% lighter version of the original color is $86.1484, -53.8631, 46.5091$, and $42.2981, -36.2706, 25.4289$ is the 20% darker color. If you saturate the color by 10%, you get $62.5963, -47.5917, 37.7384$, and if you desaturate by 10%, it is $63.3772, -44.1890, 37.0522$.

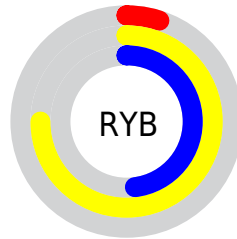
Distribution



Red (32%)

Green (75%)

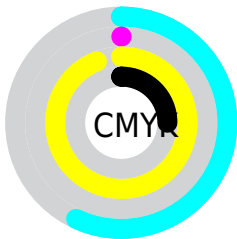
Blue (5%)



Red (5%)

Yellow (75%)

Blue (48%)

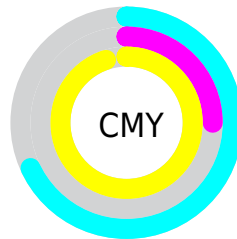


Cyan (57%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (68%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8647, -46.4221, 37.5962 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 62.8647, -46.4221, 37.5962 by changing the saturation by 10% instead.

62.8647, -46.4221,
37.5962

62.8647, -46.4221,
37.5962

185.4999,
-77.1262, 73.7475

52.1206, -42.3506,
32.7776

86.2752, -53.9998,
46.6014

42.0685, -38.0228,
27.7171

98.8736, -57.5710,
50.8385

32.7614, -33.3644,
22.9298

112.0317,
-61.0292, 54.9288

24.2645, -28.2630,
16.9852

125.7267,
-64.3916, 58.8912

16.6640, -22.7957,
11.6648

139.9383,
-67.6722, 62.7416

10.0816, -17.6429,
7.0571

154.6483,

0.0000, NaN, NaN

-70.8822, 66.4937

0.0000, NaN, NaN

169.8405,
-74.0310, 70.1590

0.0000, NaN, NaN

■ 62.8647, -46.4221,
37.5962

■ 62.8647, -46.4221,
37.5962

■ 62.5963, -47.5917,
37.7384

■ 63.3772, -44.1890,
37.0522

■ 64.0052, -41.4060,
35.8754

■ 64.7568, -38.0518,
33.9890

■ 65.6366, -34.1209,
31.3461

■ 66.6471, -29.6213,
27.9228

■ 67.7894, -24.5716,
23.7141

■ 69.0632, -18.9987,
18.7303

■ 70.4672, -12.9357,
12.9940

■ 71.9991, -6.4198,
6.5373

Harmonies

Analogous

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



62.8660, -17.1864, 41.3267



62.8647, -46.4221, 37.5962



62.8660, -61.1360, 23.2255

Triad

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



62.8660, -46.4232, 37.5964



62.8660, -26.9602, -113.8148



62.8660, 92.5206, 15.6919

Complementary

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



62.8647, -46.4221, 37.5962



28.6505, 59.9858, -84.5006

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.



62.8660, 87.9850, -26.1199



62.8647, -46.4221, 37.5962



62.8660, 11.7803, -120.9295

Square

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



62.8660, -46.4232, 37.5964



62.8660, -52.0182, -66.3687



62.8660, 55.7519, -82.1572



62.8660, 66.9178, 35.0567

Rectangle

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



62.8647, -46.4221, 37.5962



62.8660, -63.6677, 2.4523



62.8660, 55.7519, -82.1572



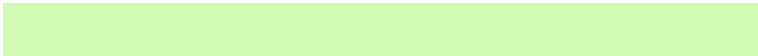
62.8660, 94.6051, 4.3764

Sweetspot

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



62.8660, -46.4232, 37.5964



92.1337, -29.1901, 28.4988



49.6677, 15.5909, 30.4620



42.3352, -15.0068, 14.5135



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



62.8660, -46.4232, 37.5964



84.1781, -64.3958, 50.7428



61.5411, -51.9003, 35.8283



33.8312, -4.8252, 4.8810



51.3875, -38.8675, 30.9843



10.8664, -7.3140, 6.5678

Inverse Universe

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



28.6505, 59.9858, -84.5006



36.9355, 81.9226, -120.8555



38.1137, 71.5132, -37.5601



31.6950, 1.4479, -1.5542



22.7330, 50.1957, -72.6322



5.1198, 10.9289, -13.4445

Previews

White Background



This preview shows how the HunterLab color 62.8647, -46.4221, 37.5962 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 62.8647, -46.4221, 37.5962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

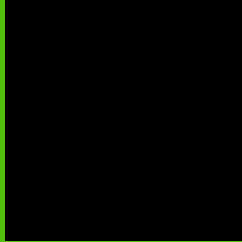
Any Text WCAG AA ✓ Pass

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 62.8647, -46.4221, 37.5962 Background



This preview shows how black text looks on a background with the HunterLab color 62.8647, -46.4221, 37.5962.



This preview shows how white text looks on a background with the HunterLab color 62.8647, -46.4221, 37.5962.

-46.4221, 37.5962.

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

62.8647, -46.4221, 37.5962

Protanopia

62.3090, -8.8060, 38.2403

Deuteranopia

62.2939, 4.6362, 36.4697



Tritanopia

62.5064, -17.7136, -9.6499

Trichromacy



Original Color

62.8647, -46.4221, 37.5962



Protanomaly

61.5931, -25.7100, 37.3927



Deuteranomaly

60.9197, -18.3930, 36.0210



Tritanomaly

61.7322, -32.7945, 18.1806

Monochromacy



Original Color

62.8647, -46.4221, 37.5962



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

53.9403, -22.6722, 21.4579

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.8647, -46.4221, 37.5962 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(82, 192, 12)` looks like.

```
.text, #text, p{  
    color:rgb(82, 192, 12)  
}
```

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(82, 192, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 192, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 62.8647, -46.4221, 37.5962 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(82, 192, 12) }
```


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

```
.border{ border-color:rgb(82, 192, 12) }
```

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

Here you see how a box with a 4 pixel rgb(82, 192, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 192, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 192, 12);  
box-shadow:4px 4px 4px 4px rgb(82, 192,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.8647, -46.4221, 37.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 192, 12) }
```

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

```
.background{ background-color: rgb(82, 192,  
12) }
```

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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