

Converting Colors

HunterLab(67.6750, -36.0450,
28.0663)

Have a look what the booklet for
HunterLab(67.6750, -36.0450,
28.0663) contains.

HunterLab(67.6202, -36.0362, 28.1018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.6202,
-36.0362, 28.1018)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC66E
RGB	123, 198, 110
RGB Percent	48%, 78%, 43%
CMY	0.5176, 0.2235, 0.5686
CMYK	0.38, 0.00, 0.44, 0.22
HSL	111°, 44%, 60%
HSV	111°, 44%, 78%
XYZ	31.1769, 45.7249, 21.9345
YIQ	165.5430, -16.4520, -43.2680

Conversions

Conversions Part 2

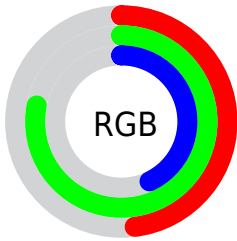
Format	Color
RYB	110, 198, 185
Decimal	8111726
CIELab	73.37, -40.38, 36.84
CIElCh	73, 54.655, 137.623
Yxy	45.7269, 0.3154, 0.4626
Android (android.graphics.Color)	4286301806 (0xFF7BC66E)
YUV	165.5430, -27.3827, -37.3102
Hunter-Lab	67.6202, -36.0362, 28.1018

Details

The HunterLab color $67.6202, -36.0362, 28.1018$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $50.5419, 37.9122, -30.8689$, and the grayscale version is $61.6787, -3.2910, 3.3511$.

A 20% lighter version of the original color is $91.4491, -41.4947, 33.1589$, and $46.4090, -30.2797, 22.6054$ is the 20% darker color. If you saturate the color by 10%, you get $66.4857, -41.1550, 31.5814$, and if you desaturate by 10%, it is $68.9646, -30.0839, 23.8721$.

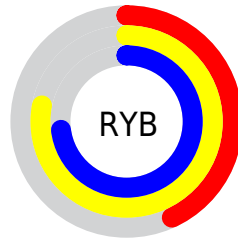
Distribution



Red (48%)

Green (78%)

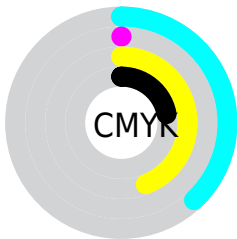
Blue (43%)



Red (43%)

Yellow (78%)

Blue (73%)

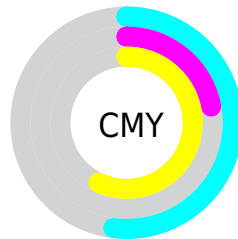


Cyan (38%)

Magenta (0%)

Yellow (44%)

Black (22%)



Cyan (52%)

Magenta (22%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.6202, -36.0362, 28.1018 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 67.6202, -36.0362, 28.1018 by changing the saturation by 10% instead.

■ 67.6202, -36.0362,
28.1018

■ 67.6202, -36.0362,
28.1018

192.2783,
-58.7548, 49.7504

■ 56.5953, -33.1649,
25.3570

■ 91.5478, -41.4770,
33.2946

■ 46.2436, -30.1541,
22.4784

■ 104.3866,
-44.0816, 35.7778

■ 36.6135, -26.9632,
19.4302

■ 117.7750,
-46.6273, 38.2033

■ 27.7639, -23.5297,
16.1640

■ 131.6914,
-49.1237, 40.5808

■ 19.7709, -19.7542,
13.1160

146.1165,
-51.5788, 42.9184

■ 12.7386, -16.3935,
8.9171

161.0328,

■ 6.1062, -10.6858,

-53.9990, 45.2225

4.2743

176.4249,
-56.3895, 47.4983

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6202, -36.0362,
28.1018

■ 67.6202, -36.0362,
28.1018

■ 66.4857, -41.1550,
31.5814

■ 68.9646, -30.0839,
23.8721

■ 65.5542, -45.4020,
34.2983

■ 70.5142, -23.3473,
18.9211

■ 64.8210, -48.7675,
36.2659

■ 72.2674, -15.8932,
13.2937

■ 64.2762, -51.2691,
37.5260


■ 74.2194, -7.7954,
7.0445


■ 63.9047, -52.9582,


■ 76.3635, 0.8698,


38.1569

0.2330

 63.7611, -53.6078,
38.3508

 78.6921, 10.0264,
-7.0790

 81.1966, 19.6023,
-14.8311

 82.9880, 25.7365,
-16.0043

Harmonies

Analogous

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



67.6216, -17.7701, 34.6741



67.6202, -36.0362, 28.1018



67.6216, -45.0056, 12.9003

Triad

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



67.6216, -36.0375, 28.1023



67.6216, -13.7641, -59.2304



67.6216, 49.5079, 16.2885

Complementary

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



67.6202, -36.0362, 28.1018



50.5419, 37.9122, -30.8689

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.



67.6216, 51.0031, -7.0529



67.6202, -36.0362, 28.1018



67.6216, 11.8168, -57.2479

Square

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



67.6216, -36.0375, 28.1023



67.6216, -33.4790, -40.4138



67.6216, 36.3763, -35.7123



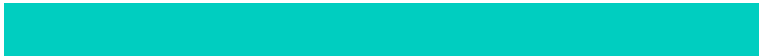
67.6216, 32.5509, 29.7909

Rectangle

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



67.6202, -36.0362, 28.1018



67.6216, -45.5263, -2.7758



67.6216, 36.3763, -35.7123



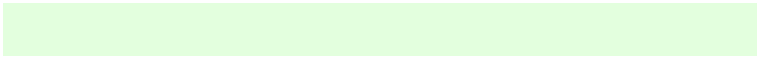
67.6216, 51.9167, 9.5576

Sweetspot

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



67.6216, -36.0375, 28.1023



96.4757, -19.8476, 16.6947



69.1000, -8.7816, 29.7672



44.3781, -10.2578, 8.5452

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.6216, -36.0375, 28.1023



88.5616, -54.3574, 41.7554



67.5444, -35.1719, 18.9524



34.5858, -5.6069, 4.8202



51.4402, -43.1333, 30.9421



11.3035, -8.9191, 6.8090

Inverse Universe

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



50.5419, 37.9122, -30.8689



61.8753, 61.9867, -51.4424



50.9473, 36.4815, -10.6286



32.7631, 2.1765, -1.3400



28.5458, 58.1740, -53.5561



6.3878, 12.9047, -11.1078

Previews

White Background



This preview shows how the HunterLab color 67.6202, -36.0362, 28.1018 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 67.6202, -36.0362, 28.1018 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 67.6202, -36.0362, 28.1018 Background



This preview shows how black text looks on a background with the HunterLab color 67.6202, -36.0362, 28.1018.



This preview shows how white text looks on a background with the HunterLab color 67.6202, -36.0362, 28.1018.

-36.0362, 28.1018.

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

67.6202, -36.0362, 28.1018

Protanopia

67.1489, -6.9419, 29.9252

Deuteranopia

67.0714, 5.1379, 26.8130



Tritanopia

67.3649, -13.8962, -7.9125

Trichromacy



Original Color

67.6202, -36.0362, 28.1018



Protanomaly

66.8614, -18.9280, 28.7768



Deuteranomaly

66.4889, -12.0498, 26.5633



Tritanomaly

67.2269, -23.0592, 7.9166

Monochromacy



Original Color

67.6202, -36.0362, 28.1018



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

63.5611, -16.6298, 13.5082

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.6202, -36.0362, 28.1018 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(123, 198, 110)` looks like.

```
.text, #text, p{  
    color:rgb(123, 198, 110)  
}
```

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(123, 198, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 198, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 67.6202, -36.0362, 28.1018 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(123, 198, 110) }
```


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

```
.border{ border-color:rgb(123, 198, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 198, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 198, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 198, 110);  
box-shadow:4px 4px 4px 4px rgb(123, 198,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.6202, -36.0362, 28.1018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 198, 110) }
```

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

```
.background{ background-color: rgb(123,  
198, 110) }
```

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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