

Converting Colors

HunterLab(75.2870, -17.9815,
36.1915)

Have a look what the booklet for
HunterLab(75.2870, -17.9815,
36.1915) contains.

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Color

**HunterLab(75.1162,
-17.8402, 36.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CC66
RGB	200, 204, 102
RGB Percent	78%, 80%, 40%
CMY	0.2157, 0.2000, 0.6000
CMYK	0.02, 0.00, 0.50, 0.20
HSL	62°, 50%, 60%
HSV	62°, 50%, 80%
XYZ	47.8106, 56.4244, 20.9415
YIQ	191.1760, 30.3580, -32.5700

Conversions

Conversions Part 2

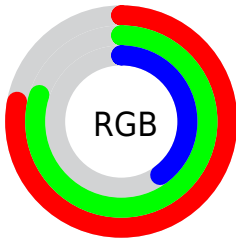
Format	Color
RYB	102, 204, 106
Decimal	13159526
CIELab	79.86, -15.52, 49.82
CIELCh	80, 52.183, 107.305
Yxy	56.4270, 0.3819, 0.4508
Android (android.graphics.Color)	4291349606 (0xFFC8CC66)
YUV	191.1760, -43.9638, 7.7386
Hunter-Lab	75.1162, -17.8402, 36.0520

Details

The HunterLab color $75.1162, -17.8402, 36.0520$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $41.1435, 21.6936, -56.5954$, and the grayscale version is $72.4266, -3.8645, 3.9351$.

A 20% lighter version of the original color is $97.5431, -18.9667, 40.9244$, and $52.8888, -14.9855, 28.9447$ is the 20% darker color. If you saturate the color by 10%, you get $74.8069, -19.4602, 39.4909$, and if you desaturate by 10%, it is $75.4940, -15.8651, 31.6778$.

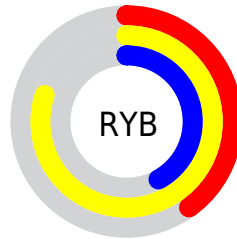
Distribution



Red (78%)

Green (80%)

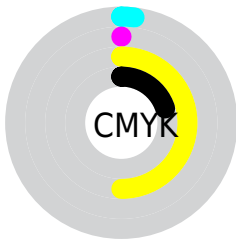
Blue (40%)



Red (40%)

Yellow (80%)

Blue (42%)

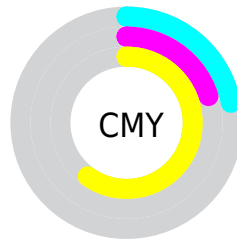


Cyan (2%)

Magenta (0%)

Yellow (50%)

Black (20%)



Cyan (22%)

Magenta (20%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.1162, -17.8402, 36.0520 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 75.1162, -17.8402, 36.0520 by changing the saturation by 10% instead.

■ 75.1162, -17.8402,
36.0520

■ 75.1162, -17.8402,
36.0520

202.8050,
-30.4471, 63.1037

■ 63.6753, -16.4322,
32.5692

■ 99.8142, -20.6362,
42.6220

■ 52.8810, -15.0048,
28.9174

■ 113.0121,
-22.0278, 45.7490

■ 42.7768, -13.5510,
25.0623

■ 126.7454,
-23.4199, 48.7918

■ 33.4134, -12.0572,
20.9638

■ 140.9940,
-24.8145, 51.7627

■ 24.8548, -10.5022,
17.1223

155.7397,
-26.2133, 54.6716

■ 17.1854, -8.8499,
12.0298

170.9664,

■ 10.5235, -7.2520,

-27.6176, 57.5269

7.3665

186.6593,
-29.0286, 60.3356

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1162, -17.8402,
36.0520

■ 75.1162, -17.8402,
36.0520

■ 74.8069, -19.4602,
39.4909

■ 75.4940, -15.8651,
31.6778

■ 74.5569, -20.7376,
42.0450

■ 75.9386, -13.5138,
26.3278

■ 74.3626, -21.7005,
43.7839

■ 76.4545, -10.7794,
19.9765

■ 74.2179, -22.3829,
44.7971


■ 77.0439, -7.6572,
12.6093


■ 74.1102, -22.8545,

■ 77.7087, -4.1463,

45.2663

4.2220

 74.1102, -22.8545,
45.2663

 78.4499, -0.2497,
-5.1800

 79.2684, 4.0266,
-15.5829

 79.7425, 6.4233,
-21.0931

 79.8148, 6.6648,
-20.9807

Harmonies

Analogous

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



75.1179, 6.8973, 36.5148



75.1162, -17.8402, 36.0520



75.1179, -36.3098, 29.0443

Triad

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



75.1179, -17.8426, 36.0527



75.1179, -34.0320, -38.1126



75.1179, 49.1378, -6.7229

Complementary

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



75.1162, -17.8402, 36.0520



41.1435, 21.6936, -56.5954

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.



75.1179, 34.8743, -34.2048



75.1162, -17.8402, 36.0520



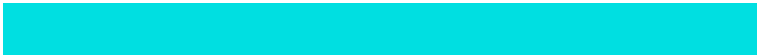
75.1179, -14.3325, -55.9436

Square

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



75.1179, -17.8426, 36.0527



75.1179, -44.7788, -10.8980



75.1179, 10.8975, -54.3160



75.1179, 47.8727, 16.5092

Rectangle

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



75.1162, -17.8402, 36.0520



75.1179, -43.5719, 19.7406



75.1179, 10.8975, -54.3160



75.1179, 45.9292, -15.8812

Sweetspot

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



75.1179, -17.8426, 36.0527



98.7385, -12.0037, 21.3158



48.9724, 32.3733, 15.5237



45.6072, -5.9442, 10.7820

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.1179, -17.8426, 36.0527



96.2380, -25.1865, 51.1161



71.1296, -32.8862, 32.7754



36.1571, -3.4974, 5.6905



58.8024, -18.0997, 35.9169



13.3826, -4.0115, 8.1761

Inverse Universe

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



41.1435, 21.6936, -56.5954



44.6222, 37.8653, -97.5474



45.7947, 34.6118, -45.1416



32.9616, -0.0531, -2.3013



16.6913, 45.0236, -116.6484



3.8891, 10.3000, -25.7019

Previews

White Background



This preview shows how the HunterLab color 75.1162, -17.8402, 36.0520 looks on a white background.

Color Contrast Check

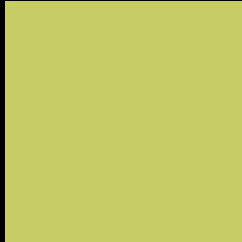
Large Text (above 18pt) WCAG AA × Fail

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 75.1162, -17.8402, 36.0520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

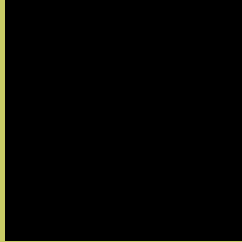
Any Text WCAG AA ✓ Pass

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 75.1162, -17.8402, 36.0520 Background



This preview shows how black text looks on a background with the HunterLab color 75.1162, -17.8402, 36.0520.



This preview shows how white text looks on a background with the HunterLab color 75.1162, -17.8402, 36.0520.

-17.8402, 36.0520.

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

75.1162, -17.8402, 36.0520

Protanopia

75.0788, -8.4528, 36.5941

Deuteranopia

75.0420, 5.2526, 35.5591



Tritanopia

74.8687, 4.8209, -0.5301

Trichromacy



Original Color

75.1162, -17.8402, 36.0520

Protanomaly

74.9968, -11.8713, 36.2714

Deuteranomaly

74.7893, -3.1445, 35.4348

Tritanomaly

74.5720, -4.5143, 16.0280

Monochromacy



Original Color

75.1162, -17.8402, 36.0520

Achromatopsia

72.1800, -3.8513, 3.9217

Achromatomaly

73.1111, -10.1523, 18.2729

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.1162, -17.8402, 36.0520 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(200, 204, 102)` looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 102)  
}
```

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(200, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 75.1162, -17.8402, 36.0520 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(200, 204, 102) }
```


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

```
.border{ border-color:rgb(200, 204, 102) }
```

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

Here you see how a box with a 4 pixel rgb(200, 204, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.1162, -17.8402, 36.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 102) }
```

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

```
.background{ background-color: rgb(200,  
204, 102) }
```

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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