

Converting Colors

HunterLab(36.7205, -16.7986,
11.3219)

Have a look what the booklet for
HunterLab(36.7205, -16.7986,
11.3219) contains.

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Color

**HunterLab(36.7258,
-16.7790, 11.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	48704C
RGB	72, 112, 76
RGB Percent	28%, 44%, 30%
CMY	0.7176, 0.5608, 0.7020
CMYK	0.36, 0.00, 0.32, 0.56
HSL	126°, 22%, 36%
HSV	126°, 36%, 44%
XYZ	9.7712, 13.4878, 8.9259
YIQ	95.9360, -12.2840, -19.6760

Conversions

Conversions Part 2

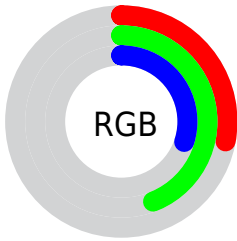
Format	Color
R_{YB}	72, 108, 112
Decimal	4747340
CIE _{Lab}	43.49, -22.19, 15.69
CIE _{LCh}	43, 27.176, 144.745
Yxy	13.4884, 0.3036, 0.4191
Android (android.graphics.Color)	4282937420 (0xFF48704C)
YUV	95.9360, -9.8284, -20.9919
Hunter-Lab	36.7258, -16.7790, 11.2981

Details

The HunterLab color $[36.7258, -16.7790, 11.2981]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[30.2695, 16.0627, -8.8570]$, and the grayscale version is $[34.2165, -1.8257, 1.8590]$.

A 20% lighter version of the original color is $[56.7179, -20.5674, 14.3073]$, and $[19.9309, -12.6537, 8.2035]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.0098, -19.9525, 13.3733]$, and if you desaturate by 10%, it is $[37.5635, -13.1681, 8.9925]$.

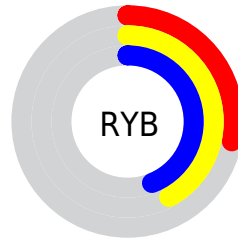
Distribution



Red (28%)

Green (44%)

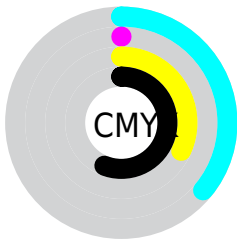
Blue (30%)



Red (28%)

Yellow (42%)

Blue (44%)

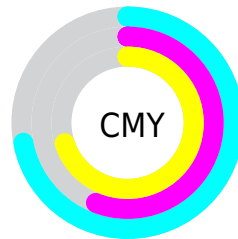


Cyan (36%)

Magenta (0%)

Yellow (32%)

Black (56%)



Cyan (72%)

Magenta (56%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7258, -16.7790, 11.2981 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 36.7258, -16.7790, 11.2981 by changing the saturation by 10% instead.

■ 36.7258, -16.7790,
11.2981

■ 36.7258, -16.7790,
11.2981

146.2958,
-32.5857, 24.1792

■ 27.8670, -14.7621,
9.7265

■ 56.7261, -20.5452,
14.2779

■ 19.8630, -12.5979,
8.0590

■ 67.7604, -22.3414,
15.7199

■ 12.8182, -10.2021,
6.5241

■ 79.4297, -24.0996,
17.1441

■ 6.2159, -10.8779,
4.3512

■ 91.7013, -25.8294,
18.5570

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.5469,
-27.5380, 19.9637

0.0000, NaN, NaN

117.9419,

0.0000, NaN, NaN

-29.2309, 21.3678

0.0000, NaN, NaN

131.8646,
-30.9123, 22.7723

■ 36.7258, -16.7790,
11.2981

■ 36.7258, -16.7790,
11.2981

■ 36.0098, -19.9525,
13.3733

■ 37.5635, -13.1681,
8.9925

■ 35.4130, -22.6561,
15.1948

■ 38.5192, -9.1562,
6.4814

■ 34.9341, -24.8717,
16.7458

■ 39.5908, -4.7875,
3.7927

■ 34.5688, -26.5947,
18.0165

■ 40.7743, -0.1071,
0.9542

■ 34.3101, -27.8382,
19.0057

■ 42.0653, 4.8403,
-2.0078

■ 34.1406, -28.6661,
19.7164

■ 43.4586, 10.0125,
-5.0688

■ 34.0786, -28.9643,
19.9304

■ 44.9488, 15.3707,
-8.2071

■ 46.5304, 20.8808,
-11.4041

■ 48.1979, 26.5128,
-14.6437

Harmonies

Analogous

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



36.7266, -9.8918, 15.3265



36.7258, -16.7790, 11.2981



36.7266, -19.6809, 3.6837

Triad

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



36.7266, -16.7796, 11.2985



36.7266, -3.7585, -22.1546



36.7266, 17.8180, 9.0451

Complementary

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



36.7258, -16.7790, 11.2981



30.2695, 16.0627, -8.8570

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.



36.7266, 19.9217, 0.2308



36.7258, -16.7790, 11.2981



36.7266, 6.7043, -19.5652

Square

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



36.7266, -16.7796, 11.2985



36.7266, -12.7117, -16.9601



36.7266, 15.6566, -10.6276



36.7266, 10.1876, 14.2990

Rectangle

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



36.7258, -16.7790, 11.2981



36.7266, -19.2239, -3.1282



36.7266, 15.6566, -10.6276



36.7266, 19.2280, 6.4796

Sweetspot

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



36.7266, -16.7796, 11.2985



51.6634, -9.6271, 7.0397



39.0449, -8.2169, 14.6055



25.2533, -5.0025, 3.6254



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.7266, -16.7796, 11.2985



47.8676, -25.8176, 17.3099



37.1634, -14.2268, 4.9951



19.4117, -3.0978, 2.3230



36.6380, -31.1587, 21.4685



81.7342, -69.7855, 48.4861

Inverse Universe

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



30.2695, 16.0627, -8.8570



37.5261, 27.0279, -15.0559



29.6383, 12.9440, 0.0199



18.5688, 1.1568, -0.2960



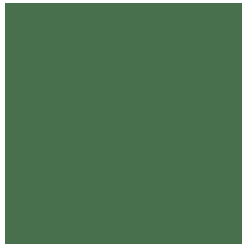
22.4992, 43.3298, -22.6637



50.1444, 96.4566, -49.6331

Previews

White Background



This preview shows how the HunterLab color 36.7258, -16.7790, 11.2981 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 36.7258, -16.7790, 11.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

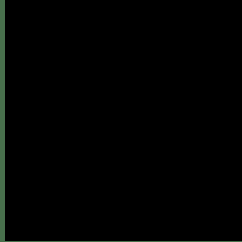
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 36.7258, -16.7790, 11.2981 Background



This preview shows how black text looks on a background with the HunterLab color 36.7258, -16.7790, 11.2981.



This preview shows how white text looks on a background with the HunterLab color 36.7258,

-16.7790, 11.2981.

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

36.7258, -16.7790, 11.2981

Protanopia

36.4494, -3.2989, 12.4295

Deuteranopia

36.4595, 2.4107, 10.4792



Tritanopia

36.7176, -7.2879, -4.1830

Trichromacy



Original Color

36.7258, -16.7790, 11.2981

Protanomaly

36.4361, -8.9901, 12.0374

Deuteranomaly

36.2410, -5.2094, 10.4486

Tritanomaly

36.6806, -11.2542, 2.5045

Monochromacy



Original Color

36.7258, -16.7790, 11.2981

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.0004, -7.7775, 5.4207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7258, -16.7790, 11.2981 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(72, 112, 76)` looks like.

```
.text, #text, p{  
    color:rgb(72, 112, 76)  
}
```

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(72, 112, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 112, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7258, -16.7790, 11.2981 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(72, 112, 76) }
```


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

```
.border{ border-color:rgb(72, 112, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 112, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 112, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 112, 76);  
box-shadow:4px 4px 4px 4px rgb(72, 112,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7258, -16.7790, 11.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 112, 76) }
```

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

```
.background{ background-color: rgb(72, 112,  
76) }
```

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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