

Converting Colors

HunterLab(36.7143, -11.7719,
6.6527)

Have a look what the booklet for
HunterLab(36.7143, -11.7719,
6.6527) contains.

HunterLab(36.7005, -11.7284, 6.7828)	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(36.7005,
-11.7284, 6.7828)**

Conversions

Conversions Part 1

Format	Color
Hex	526D5A
RGB	82, 109, 90
RGB Percent	32%, 43%, 35%
CMY	0.6784, 0.5725, 0.6471
CMYK	0.25, 0.00, 0.17, 0.57
HSL	138°, 14%, 37%
HSV	138°, 25%, 43%
XYZ	10.7937, 13.4693, 11.7038
YIQ	98.7610, -9.9930, -11.6330

Conversions

Conversions Part 2

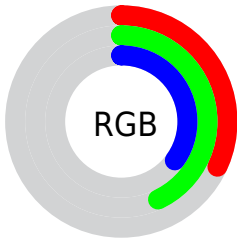
Format	Color
R_{YB}	82, 103, 109
Decimal	5401946
CIE _{Lab}	43.46, -14.17, 7.43
CIE _{LCh}	43, 16.001, 152.342
Yxy	13.4698, 0.3001, 0.3745
Android (android.graphics.Color)	4283592026 (0xFF526D5A)
YUV	98.7610, -4.3192, -14.6994
Hunter-Lab	36.7005, -11.7284, 6.7828

Details

The HunterLab color **36.7005, -11.7284, 6.7828** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31.9776, 9.2003, -2.9632**, and the grayscale version is **35.2524, -1.8810, 1.9153**.

A 20% lighter version of the original color is **56.8232, -14.6430, 8.8698**, and **19.7342, -8.7478, 4.8479** is the 20% darker color. If you saturate the color by 10%, you get **35.9102, -15.0721, 8.5749**, and if you desaturate by 10%, it is **37.5971, -8.0524, 4.9317**.

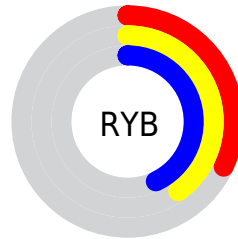
Distribution



Red (32%)

Green (43%)

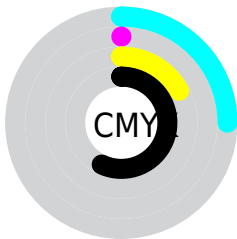
Blue (35%)



Red (32%)

Yellow (40%)

Blue (43%)

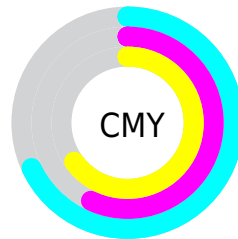


Cyan (25%)

Magenta (0%)

Yellow (17%)

Black (57%)



Cyan (68%)

Magenta (57%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7005, -11.7284, 6.7828 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 36.7005, -11.7284, 6.7828 by changing the saturation by 10% instead.

■ 36.7005, -11.7284,
6.7828

■ 36.7005, -11.7284,
6.7828

146.2557,
-23.8306, 15.8923

■ 27.8440, -10.2957,
5.8151

■ 56.6968, -14.4819,
8.7222

■ 19.8424, -8.7930,
4.8339

■ 67.7293, -15.8275,
9.7038

■ 12.8004, -7.1734,
3.8174

■ 79.3970, -17.1633,
10.6976

■ 6.1916, -10.3052,
4.3341

■ 91.6670, -18.4941,
11.7052

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.5110,
-19.8238, 12.7278

0.0000, NaN, NaN

117.9045,

0.0000, NaN, NaN

-21.1551, 13.7662

0.0000, NaN, NaN

131.8259,
-22.4901, 14.8209

■ 36.7005, -11.7284,
6.7828

■ 36.7005, -11.7284,
6.7828

■ 35.9102, -15.0721,
8.5749

■ 37.5971, -8.0524,
4.9317

■ 35.2250, -18.0495,
10.2878

■ 38.5952, -4.0776,
3.0382

■ 34.6458, -20.6352,
11.9029

■ 39.6925, 0.1585,
1.1192

■ 34.1710, -22.8114,
13.4021

■ 40.8851, 4.6196,
-0.8108

■ 33.7971, -24.5714,
14.7688

■ 42.1687, 9.2713,
-2.7395

■ 33.5186, -25.9215,
15.9892

■ 43.5389, 14.0819,
-4.6567

■ 33.3224, -26.9055,
17.0485

■ 44.9910, 19.0231,
-6.5545

■ 33.2320, -27.3588,
17.5227

■ 46.5204, 24.0701,
-8.4268

■ 48.1226, 29.2016,
-10.2691

Harmonies

Analogous

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



36.7013, -7.9931, 10.1889



36.7005, -11.7284, 6.7828



36.7013, -12.9008, 1.5414

Triad

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



36.7013, -11.7291, 6.7833



36.7013, -1.4824, -10.9051



36.7013, 8.4214, 7.4509

Complementary

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



36.7005, -11.7284, 6.7828



31.9776, 9.2003, -2.9632

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.



36.7013, 10.4340, 2.4483



36.7005, -11.7284, 6.7828



36.7013, 4.4894, -8.6652

Square

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



36.7013, -11.7291, 6.7833



36.7013, -7.2182, -9.2494



36.7013, 8.9509, -3.5339



36.7013, 3.6115, 10.5281

Rectangle

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



36.7005, -11.7284, 6.7828



36.7013, -12.1359, -2.4746



36.7013, 8.9509, -3.5339



36.7013, 9.4611, 5.9697

Sweetspot

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



36.7013, -11.7291, 6.7833



51.3093, -6.7788, 4.6832



37.8603, -7.8017, 10.6916



24.7281, -3.3621, 2.3025



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



36.7013, -11.7291, 6.7833



48.4525, -18.4621, 10.5409



37.0324, -9.8361, 2.0385



18.5962, -2.8114, 1.8672



35.9340, -29.6222, 19.0316



81.0301, -67.3913, 44.1979

Inverse Universe

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



31.9776, 9.2003, -2.9632



40.6732, 16.0809, -5.4965



31.6040, 7.2706, 2.3417



17.7465, 0.9416, 0.1121



21.0244, 38.9421, -9.1829



47.2921, 87.3091, -18.4320

Previews

White Background



This preview shows how the HunterLab color 36.7005, -11.7284, 6.7828 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 36.7005, -11.7284, 6.7828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

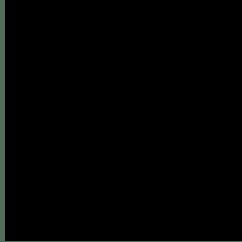
Any Text WCAG AA × Fail

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 36.7005, -11.7284, 6.7828 Background



This preview shows how black text looks on a background with the HunterLab color 36.7005, -11.7284, 6.7828.



This preview shows how white text looks on a background with the HunterLab color 36.7005,

-11.7284, 6.7828.

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

36.7005, -11.7284, 6.7828

Protanopia

36.5773, -2.2481, 7.8836

Deuteranopia

36.6188, 2.1916, 6.2089



Tritanopia

36.7443, -5.8665, -3.1487

Trichromacy



Original Color

36.7005, -11.7284, 6.7828

Protanomaly

36.6884, -6.0224, 7.5816

Deuteranomaly

36.6045, -3.3582, 6.4652

Tritanomaly

36.6969, -8.0198, 0.8793

Monochromacy



Original Color

36.7005, -11.7284, 6.7828

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.8778, -5.6917, 3.7204

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7005, -11.7284, 6.7828 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, 109, 90)` looks like.

```
.text, #text, p{  
    color:rgb(82, 109, 90)  
}
```

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, 109, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 109, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7005, -11.7284, 6.7828 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, 109, 90) }
```


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

```
.border{ border-color:rgb(82, 109, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 109, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 109, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 109, 90);  
box-shadow:4px 4px 4px 4px rgb(82, 109,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7005, -11.7284, 6.7828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 109, 90) }
```

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

```
.background{ background-color: rgb(82, 109,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor