

Converting Colors

HunterLab(36.2193, -11.0925,
5.7944)

Have a look what the booklet for
HunterLab(36.2193, -11.0925,
5.7944) contains.

HunterLab(36.0833, -11.0088, 5.7786)	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(36.0833,
-11.0088, 5.7786)**

Conversions

Conversions Part 1

Format	Color
Hex	516B5B
RGB	81, 107, 91
RGB Percent	32%, 42%, 36%
CMY	0.6824, 0.5804, 0.6431
CMYK	0.24, 0.00, 0.15, 0.58
HSL	143°, 14%, 37%
HSV	143°, 24%, 42%
XYZ	10.5394, 13.0200, 11.8552
YIQ	97.4020, -10.3600, -10.4880

Conversions

Conversions Part 2

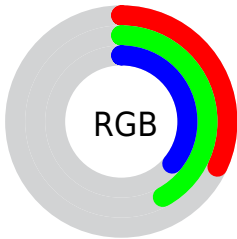
Format	Color
RYB	81, 100, 107
Decimal	5335899
CIELab	42.79, -13.21, 5.87
CIELCh	43, 14.453, 156.051
Yxy	13.0206, 0.2976, 0.3676
Android (android.graphics.Color)	4283525979 (0xFF516B5B)
YUV	97.4020, -3.1562, -14.3846
Hunter-Lab	36.0833, -11.0088, 5.7786

Details

The HunterLab color $36.0833, -11.0088, 5.7786$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31.4230, 8.4273, -1.8295$, and the grayscale version is $34.7395, -1.8536, 1.8875$.

A 20% lighter version of the original color is $55.8588, -13.4074, 7.4381$, and $19.4384, -8.4645, 4.2573$ is the 20% darker color. If you saturate the color by 10%, you get $35.3211, -14.1964, 7.2931$, and if you desaturate by 10%, it is $36.9457, -7.5146, 4.2546$.

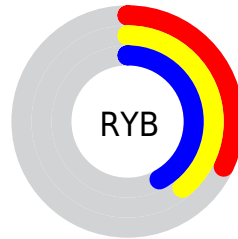
Distribution



Red (32%)

Green (42%)

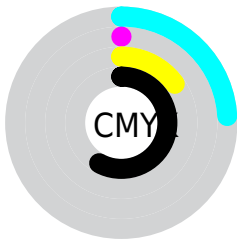
Blue (36%)



Red (32%)

Yellow (39%)

Blue (42%)

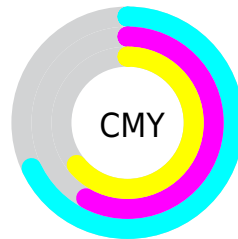


Cyan (24%)

Magenta (0%)

Yellow (15%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0833, -11.0088, 5.7786 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 36.0833, -11.0088, 5.7786 by changing the saturation by 10% instead.

■ 36.0833, -11.0088,
5.7786

■ 36.0833, -11.0088,
5.7786

145.2755,
-22.6760, 14.1958

■ 27.2814, -9.6414,
4.9185

■ 55.9828, -13.6463,
7.5301

■ 19.3403, -8.2106,
4.0583

■ 66.9715, -14.9395,
8.4277

■ 12.3672, -6.6719,
3.1823

■ 78.5978, -16.2256,
9.3425

■ 5.5618, -9.7332,
3.8933

■ 90.8285, -17.5093,
10.2754

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.6349,
-18.7939, 11.2270

0.0000, NaN, NaN

116.9924,

0.0000, NaN, NaN

-20.0821, 12.1975

0.0000, NaN, NaN

130.8791,
-21.3756, 13.1871

■ 36.0833, -11.0088,
5.7786

■ 36.0833, -11.0088,
5.7786

■ 35.3211, -14.1964,
7.2931

■ 36.9457, -7.5146,
4.2546

■ 34.6580, -17.0465,
8.7816

■ 37.9040, -3.7439,
2.7334

■ 34.0947, -19.5362,
10.2284

■ 38.9559, 0.2693,
1.2275

■ 33.6296, -21.6493,
11.6169

■ 40.0981, 4.4922,
-0.2533

■ 33.2596, -23.3792,
12.9312

■ 41.3266, 8.8934,
-1.7011

■ 32.9797, -24.7313,
14.1558

■ 42.6374, 13.4440,
-3.1097

■ 32.7780, -25.7429,
15.2735

■ 44.0261, 18.1179,
-4.4749

■ 32.6757, -26.2587,
15.8431

■ 45.4885, 22.8923,
-5.7940

■ 47.0204, 27.7476,
-7.0655

Harmonies

Analogous

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



36.0841, -7.8868, 9.1268



36.0833, -11.0088, 5.7786



36.0841, -11.7635, 0.8979

Triad

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



36.0841, -11.0094, 5.7791



36.0841, -0.8165, -9.4153



36.0841, 6.9374, 7.3497

Complementary

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



36.0833, -11.0088, 5.7786



31.4230, 8.4273, -1.8295

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.



36.0841, 9.0903, 2.9988



36.0833, -11.0088, 5.7786



36.0841, 4.4460, -7.0557

Square

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



36.0841, -11.0094, 5.7791



36.0841, -6.0813, -8.3799



36.0841, 8.1527, -2.3189



36.0841, 2.4235, 9.9351

Rectangle

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



36.0833, -11.0088, 5.7786



36.0841, -10.8634, -2.6914



36.0841, 8.1527, -2.3189



36.0841, 7.9730, 6.0717

Sweetspot

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



36.0841, -11.0094, 5.7791



50.3353, -6.5073, 4.2460



36.9504, -8.2554, 10.1329



24.7405, -3.2933, 2.1255



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.



36.0841, -11.0094, 5.7791



47.7048, -17.1391, 8.8542



36.4199, -9.0944, 0.9752



18.6072, -2.7502, 1.7102



36.0318, -29.0115, 17.5908



81.2371, -66.0976, 41.1464

Inverse Universe

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



31.4230, 8.4273, -1.8295



40.1265, 14.5248, -3.4941



31.0669, 6.5814, 3.2379



17.7345, 0.8774, 0.2819



20.6713, 37.6755, -4.2794



46.4753, 84.3735, -7.0467

Previews

White Background



This preview shows how the HunterLab color 36.0833, -11.0088, 5.7786 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 36.0833, -11.0088, 5.7786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

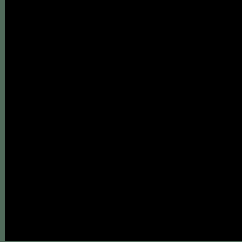
Any Text WCAG AA × Fail

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 36.0833, -11.0088, 5.7786 Background



This preview shows how black text looks on a background with the HunterLab color 36.0833, -11.0088, 5.7786.



This preview shows how white text looks on a background with the HunterLab color 36.0833,

-11.0088, 5.7786.

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

36.0833, -11.0088, 5.7786

Protanopia

35.8930, -1.8301, 6.8343

Deuteranopia

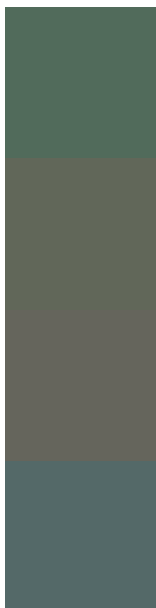
35.8475, 2.3009, 5.0011



Tritanopia

36.0580, -5.5720, -3.0846

Trichromacy



Original Color

36.0833, -11.0088, 5.7786

Protanomaly

36.0044, -5.5814, 6.5243

Deuteranomaly

35.8424, -3.2002, 5.2809

Tritanomaly

36.0381, -7.5602, 0.5274

Monochromacy



Original Color

36.0833, -11.0088, 5.7786

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.1536, -5.4931, 3.3054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0833, -11.0088, 5.7786 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(81, 107, 91)` looks like.

```
.text, #text, p{  
    color:rgb(81, 107, 91)  
}
```

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(81, 107, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 107, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0833, -11.0088, 5.7786 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(81, 107, 91) }
```


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

```
.border{ border-color:rgb(81, 107, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 107, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 107, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 107, 91);  
box-shadow:4px 4px 4px 4px rgb(81, 107,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0833, -11.0088, 5.7786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 107, 91) }
```

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

```
.background{ background-color: rgb(81, 107,  
91) }
```

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