

Converting Colors

HunterLab(36.9271, -1.5986,
20.9729)

Have a look what the booklet for
HunterLab(36.9271, -1.5986,
20.9729) contains.

HunterLab(36.8811, -1.4703, 20.9341)	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(36.8811, -1.4703,
20.9341)**

Conversions

Conversions Part 1

Format	Color
Hex	7B651C
RGB	123, 101, 28
RGB Percent	48%, 40%, 11%
CMY	0.5176, 0.6039, 0.8902
CMYK	0.00, 0.18, 0.77, 0.52
HSL	46°, 63%, 30%
HSV	46°, 77%, 48%
XYZ	13.0317, 13.6022, 3.0372
YIQ	99.2560, 36.5450, -18.0390

Conversions

Conversions Part 2

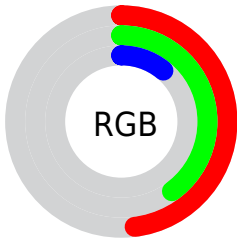
Format	Color
RYB	57, 123, 28
Decimal	8086812
CIELab	43.66, 0.68, 42.20
CIElCh	44, 42.207, 89.076
Yxy	13.6028, 0.4392, 0.4584
Android (android.graphics.Color)	4286276892 (0xFF7B651C)
YUV	99.2560, -35.1292, 20.8235
Hunter-Lab	36.8811, -1.4703, 20.9341

Details

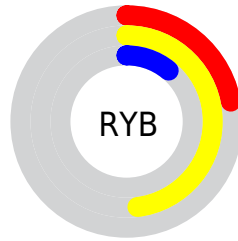
The HunterLab color $[36.8811, -1.4703, 20.9341]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[19.8948, 11.7911, -43.3791]$, and the grayscale version is $[35.5378, -1.8962, 1.9308]$.

A 20% lighter version of the original color is $[56.9713, -2.7978, 27.7495]$, and $[20.1791, -0.2424, 12.4300]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.0721, -0.5687, 21.4308]$, and if you desaturate by 10%, it is $[37.7319, -2.2042, 20.0146]$.

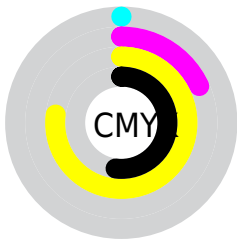
Distribution



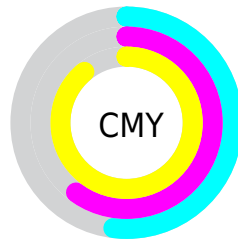
- Red (48%)
- Green (40%)
- Blue (11%)



- Red (22%)
- Yellow (48%)
- Blue (11%)



- Cyan (0%)
- Magenta (18%)
- Yellow (77%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8811, -1.4703, 20.9341 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 36.8811, -1.4703, 20.9341 by changing the saturation by 10% instead.

36.8811, -1.4703,
20.9341

36.8811, -1.4703,
20.9341

146.5420, -7.0394,
47.2160

28.0088, -1.0414,
17.2484

56.9057, -2.4643,
27.6220

19.9897, -0.6611,
13.9928

67.9509, -3.0193,
30.7103

12.9277, -0.3384,
9.0494

79.6307, -3.6102,
33.6708

6.3635, 0.1260,
4.4545

91.9121, -4.2347,
36.5268

0.0000, NaN, NaN

0.0000, NaN, NaN

104.7671, -4.8913,
39.2964

0.0000, NaN, NaN

118.1711, -5.5785,

0.0000, NaN, NaN

41.9939

0.0000, NaN, NaN

132.1025, -6.2949,
44.6306

36.8811, -1.4703,
20.9341

36.8811, -1.4703,
20.9341

36.0721, -0.5687,
21.4308

37.7319, -2.2042,
20.0146

35.2963, 0.4698,
21.5935

38.6227, -2.7565,
18.6537

35.0843, 0.7615,
21.6321

39.5549, -3.1240,
16.8449

40.5283, -3.3051,
14.5891

41.5424, -3.3006,
11.8932

■ 42.5966, -3.1133,
8.7682

■ 43.6900, -2.7475,
5.2282

■ 44.8216, -2.2086,
1.2896

■ 45.9903, -1.5027,
-3.0302

Harmonies

Analogous

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



36.8820, 15.2371, 19.3391



36.8811, -1.4703, 20.9341



36.8820, -15.7809, 19.5354

Triad

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



36.8820, -1.4719, 20.9344



36.8820, -25.2202, -15.2656



36.8820, 28.3582, -16.4542

Complementary

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



36.8811, -1.4703, 20.9341



19.8948, 11.7911, -43.3791

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.



36.8820, 14.2298, -33.8935



36.8811, -1.4703, 20.9341



36.8820, -16.5058, -33.0255

Square

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



36.8820, -1.4719, 20.9344



36.8820, -27.9981, 2.4770



36.8820, -2.4653, -40.9671



36.8820, 34.1701, 1.5319

Rectangle

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



36.8811, -1.4703, 20.9341



36.8820, -22.4827, 16.5089



36.8820, -2.4653, -40.9671



36.8820, 24.3173, -22.8153

Sweetspot

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



36.8820, -1.4719, 20.9344



56.1031, -4.3530, 14.4471



22.9637, 31.0390, 6.8530



27.0200, -2.1394, 7.6067



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



36.8820, -1.4719, 20.9344



47.4358, 0.3651, 28.8310



41.0218, -18.2940, 23.3691



21.1757, -1.3769, 2.8760



35.6726, 0.7951, 21.9952



77.0465, 3.2468, 47.5325

Inverse Universe

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



19.8948, 11.7911, -43.3791



21.3897, 25.2753, -79.3929



17.3973, 25.7427, -52.6907



20.0757, -0.7583, -0.7649



15.3453, 21.2588, -65.0718



31.8259, 51.8678, -151.7473

Previews

White Background



This preview shows how the HunterLab color 36.8811, -1.4703, 20.9341 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 36.8811, -1.4703, 20.9341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

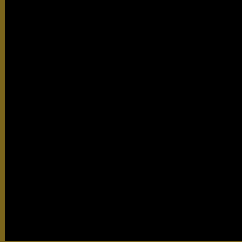
Any Text WCAG AA × Fail

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 36.8811, -1.4703, 20.9341 Background



This preview shows how black text looks on a background with the HunterLab color 36.8811, -1.4703, 20.9341.



This preview shows how white text looks on a background with the HunterLab color 36.8811, -1.4703,

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

36.8811, -1.4703, 20.9341

Protanopia

37.0167, -5.1073, 20.8583

Deuteranopia

36.8373, 2.3819, 20.8698



Tritanopia

36.7888, 9.6310, 2.9955

Trichromacy



Original Color

36.8811, -1.4703, 20.9341

Protanomaly

37.0286, -3.6758, 20.8912

Deuteranomaly

36.7756, 0.8580, 20.8019

Tritanomaly

36.7143, 4.3747, 12.2375

Monochromacy



Original Color

36.8811, -1.4703, 20.9341

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.7541, -2.9393, 11.5274

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8811, -1.4703, 20.9341 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, 101, 28)` looks like.

```
.text, #text, p{  
    color:rgb(123, 101, 28)  
}
```

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, 101, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 101, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8811, -1.4703, 20.9341 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, 101, 28) }
```


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

```
.border{ border-color:rgb(123, 101, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 101, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 101, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 101, 28);  
box-shadow:4px 4px 4px 4px rgb(123, 101,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8811, -1.4703, 20.9341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 101, 28) }
```

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

```
.background{ background-color: rgb(123,  
101, 28) }
```

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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