

Converting Colors

HunterLab(34.7116, 58.3689,
21.3118)

Have a look what the booklet for
HunterLab(34.7116, 58.3689,
21.3118) contains.

HunterLab(34.7771, 58.4187, 21.3239)	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(34.7771, 58.4187,
21.3239)**

Conversions

Conversions Part 1

Format	Color
Hex	C50814
RGB	197, 8, 20
RGB Percent	77%, 3%, 8%
CMY	0.2275, 0.9685, 0.9216
CMYK	0.00, 0.96, 0.90, 0.23
HSL	356°, 92%, 40%
HSV	356°, 96%, 77%
XYZ	23.2390, 12.0945, 1.7715
YIQ	65.8790, 108.7920, 43.8000

Conversions

Conversions Part 2

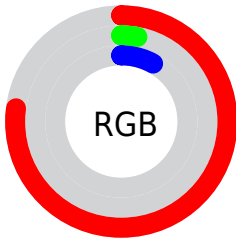
Format	Color
RYB	197, 8, 20
Decimal	12912660
CIELab	41.37, 65.38, 48.23
CIELCh	41, 81.246, 36.414
Yxy	12.0952, 0.6263, 0.3260
Android (android.graphics.Color)	4291102740 (0xFFC50814)
YUV	65.8790, -22.6183, 114.9931
Hunter-Lab	34.7771, 58.4187, 21.3239

Details

The HunterLab color **34.7771, 58.4187, 21.3239** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **65.9457, -37.3750, -1.3045**, and the grayscale version is **23.3562, -1.2462, 1.2690**.

A 20% lighter version of the original color is **53.2061, 59.7078, 28.0870**, and **22.3306, 38.2418, 14.4295** is the 20% darker color. If you saturate the color by 10%, you get **34.4933, 59.1512, 21.6661**, and if you desaturate by 10%, it is **35.8208, 55.8727, 19.9517**.

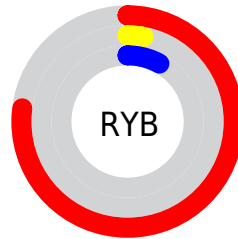
Distribution



Red (77%)

Green (3%)

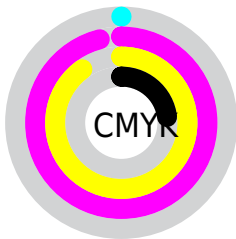
Blue (8%)



Red (77%)

Yellow (3%)

Blue (8%)

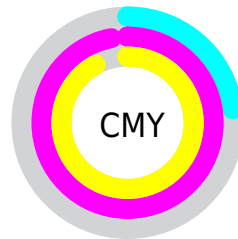


Cyan (0%)

Magenta (96%)

Yellow (90%)

Black (23%)



Cyan (23%)

Magenta (97%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7771, 58.4187, 21.3239 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 34.7771, 58.4187, 21.3239 by changing the saturation by 10% instead.

■ 34.7771, 58.4187,
21.3239

■ 34.7771, 58.4187,
21.3239

143.1904, 75.3559,
51.0743

■ 26.0932, 56.2104,
17.3356

■ 54.4688, 62.7991,
28.9776

■ 18.2830, 54.2079,
12.7981

■ 65.3634, 64.8788,
32.4968

■ 11.4592, 52.9445,
8.0215

■ 76.9009, 66.8627,
35.8583

■ 3.8903, 89.4205,
2.7232

■ 89.0471, 68.7482,
39.0889

0.0000, INF, NaN

0.0000, NaN, NaN

■ 101.7730, 70.5368,
42.2101

0.0000, NaN, NaN

■ 115.0532, 72.2316,


0.0000, NaN, NaN


45.2392


0.0000, NaN, NaN


 128.8656, 73.8366,
48.1901


 34.7771, 58.4187,
21.3239


 34.7771, 58.4187,
21.3239


 34.4933, 59.1512,
21.6661

 35.8208, 55.8727,
19.9517

 37.7267, 51.2985,
18.0809

 40.5143, 45.0777,
15.9177

 44.1196, 37.8250,
13.6769

 48.4413, 30.1036,
11.5191

■ 53.3707, 22.3052,
9.5340

■ 58.8087, 14.6519,
7.7554

■ 64.6721, 7.2443,
6.1827

■ 70.8933, 0.1100,
4.7990

Harmonies

Analogous

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



34.7782, 76.8650, 7.5241



34.7771, 58.4187, 21.3239



34.7782, 24.6075, 24.3448

Triad

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



34.7782, 58.4142, 21.3245



34.7782, -40.7205, 17.5518



34.7782, 4.8814, -110.1792

Complementary

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



34.7771, 58.4187, 21.3239



65.9457, -37.3750, -1.3045

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.



34.7782, -22.2037, -96.5617



34.7771, 58.4187, 21.3239



34.7782, -42.8371, -4.8724

Square

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



34.7782, 58.4142, 21.3245



34.7782, -30.0869, 23.6368



34.7782, -37.3774, -49.5679



34.7782, 39.8399, -78.5488

Rectangle

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



34.7771, 58.4187, 21.3239



34.7782, 1.8553, 24.3448



34.7782, -37.3774, -49.5679



34.7782, -5.4209, -110.9659

Sweetspot

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



34.7782, 58.4142, 21.3245



76.0670, 23.1872, 11.1862



38.0076, 74.5149, -57.6765



33.7416, 12.7846, 5.6561

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.7782, 58.4142, 21.3245



46.1496, 79.1145, 29.1853



43.8030, 32.2279, 27.2429



32.6307, 1.2132, 2.4980



27.9827, 48.0021, 17.4546



6.1208, 10.5630, 3.3280

Inverse Universe

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



34.7782, 58.4142, 21.3245



46.1496, 79.1145, 29.1853



40.4613, 1.2020, -52.4508



32.6307, 1.2132, 2.4980



27.9827, 48.0021, 17.4546



6.1208, 10.5630, 3.3280

Previews

White Background



This preview shows how the HunterLab color 34.7771, 58.4187, 21.3239 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 34.7771, 58.4187, 21.3239 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 34.7771, 58.4187, 21.3239 Background



This preview shows how black text looks on a background with the HunterLab color 34.7771, 58.4187, 21.3239.



This preview shows how white text looks on a background with the HunterLab color 34.7771, 58.4187,

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

34.7771, 58.4187, 21.3239

Protanopia

35.5351, -4.6876, 18.8942

Deuteranopia

35.5247, 1.6270, 21.9186



Tritanopia

34.8832, 56.5513, 22.4849

Trichromacy



Original Color

34.7771, 58.4187, 21.3239

Protanomaly

31.4070, 21.2515, 17.2777

Deuteranomaly

32.0090, 26.3208, 19.8122

Tritanomaly

34.7350, 57.2050, 22.0619

Monochromacy



Original Color

34.7771, 58.4187, 21.3239

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.8242, 21.4848, 7.8252

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7771, 58.4187, 21.3239 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(197, 8, 20)` looks like.

```
.text, #text, p{  
    color:rgb(197, 8, 20)  
}
```

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(197, 8, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 8, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7771, 58.4187, 21.3239 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(197, 8, 20) }
```


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

```
.border{ border-color:rgb(197, 8, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 8, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 8, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 8, 20);  
box-shadow:4px 4px 4px 4px rgb(197, 8, 20)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.7771, 58.4187, 21.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 8, 20) }
```

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

```
.background{ background-color: rgb(197, 8,  
20) }
```

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