

Converting Colors

HunterLab(33.7399, 51.2825,
20.1696)

Have a look what the booklet for
HunterLab(33.7399, 51.2825,
20.1696) contains.

HunterLab(33.7399, 51.2825, 20.1696)	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(33.7399, 51.2825,
20.1696)**

Conversions

Conversions Part 1

Format	Color
Hex	BA1D18
RGB	186, 29, 24
RGB Percent	73%, 11%, 9%
CMY	0.2706, 0.8862, 0.9059
CMYK	0.00, 0.84, 0.87, 0.27
HSL	2°, 77%, 41%
HSV	2°, 87%, 73%
XYZ	20.8540, 11.3838, 1.9623
YIQ	75.3730, 95.1770, 31.7290

Conversions

Conversions Part 2

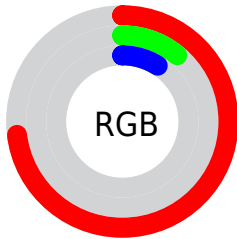
Format	Color
RYB	186, 29, 24
Decimal	12197144
CIELab	40.22, 59.24, 44.49
CIElCh	40, 74.088, 36.910
Yxy	11.3845, 0.6098, 0.3329
Android (android.graphics.Color)	4290387224 (0xFFBA1D18)
YUV	75.3730, -25.3269, 97.0199
Hunter-Lab	33.7399, 51.2825, 20.1696

Details

The HunterLab color **33.7399, 51.2825, 20.1696** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **60.6469, -30.3131, -8.5751**, and the grayscale version is **26.7257, -1.4260, 1.4521**.

A 20% lighter version of the original color is **53.3109, 55.2258, 27.3725**, and **20.5206, 35.1422, 13.2599** is the 20% darker color. If you saturate the color by 10%, you get **32.6956, 54.1485, 20.8136**, and if you desaturate by 10%, it is **35.5623, 46.6681, 18.9837**.

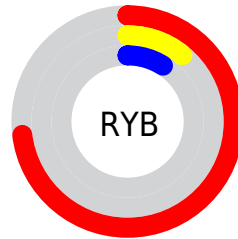
Distribution



Red (73%)

Green (11%)

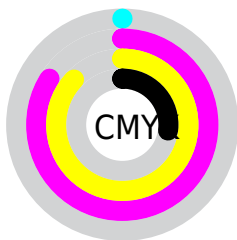
Blue (9%)



Red (73%)

Yellow (11%)

Blue (9%)

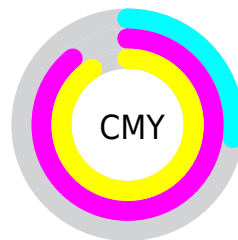


Cyan (0%)

Magenta (84%)

Yellow (87%)

Black (27%)



Cyan (27%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7399, 51.2825, 20.1696 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 33.7399, 51.2825, 20.1696 by changing the saturation by 10% instead.

■ 33.7399, 51.2825,
20.1696

■ 33.7399, 51.2825,
20.1696

141.5228, 66.7083,
48.0422

■ 25.1517, 49.1624,
16.3520

■ 53.2626, 55.3808,
27.3344

■ 17.4481, 47.1681,
12.2137

■ 64.0812, 57.2945,
30.6253

■ 10.7468, 45.7495,
7.5228

■ 75.5467, 59.1051,
33.7697

■ 1.5631, 184.3452,
1.0942

■ 87.6247, 60.8135,
36.7939

0.0000, INF, NaN

0.0000, NaN, NaN

■ 100.2855, 62.4234,
39.7184


0.0000, NaN, NaN


■ 113.5034, 63.9393,


0.0000, NaN, NaN

42.5596


0.0000, NaN, NaN


 127.2558, 65.3660,
45.3307


 33.7399, 51.2825,
20.1696


 33.7399, 51.2825,
20.1696


 32.6956, 54.1485,
20.8136


 35.5623, 46.6681,
18.9837

 32.5024, 54.6728,
20.9850

 38.1656, 40.7401,
17.3281

 41.4914, 34.0399,
15.3728

 45.4508, 27.0400,
13.2766

 49.9496, 20.0592,
11.1530

■ 54.9020, 13.2728,
9.0691

■ 60.2354, 6.7550,
7.0569

■ 65.8906, 0.5208,
5.1270

■ 71.8203, -5.4451,
3.2785

Harmonies

Analogous

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



33.7410, 67.7415, 7.3099



33.7399, 51.2825, 20.1696



33.7410, 21.3566, 23.4721

Triad

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



33.7410, 51.2785, 20.1702



33.7410, -37.7905, 16.1396



33.7410, 4.7498, -94.8853

Complementary

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



33.7399, 51.2825, 20.1696



60.6469, -30.3131, -8.5751

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.



33.7410, -20.0231, -83.9830



33.7399, 51.2825, 20.1696



33.7410, -39.7058, -4.7418

Square

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



33.7410, 51.2785, 20.1702



33.7410, -27.8989, 22.3771



33.7410, -34.3573, -44.0343



33.7410, 35.8738, -67.4780

Rectangle

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



33.7399, 51.2825, 20.1696



33.7410, 1.0751, 23.6187



33.7410, -34.3573, -44.0343



33.7410, -4.5861, -95.7851

Sweetspot

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



33.7410, 51.2785, 20.1702



74.3789, 17.2731, 12.0262



38.1100, 69.8625, -45.2459



33.7800, 9.5761, 6.0962



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



33.7410, 51.2785, 20.1702



43.6856, 73.8551, 28.2118



46.0076, 19.3738, 27.5751



30.0925, 0.8797, 2.5855



26.6977, 44.7141, 17.2338



5.1617, 7.9009, 3.3190

Inverse Universe

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



60.6469, -30.3131, -8.5751



81.0550, -41.2026, -12.3671



36.4708, 4.7970, -52.9625



31.8773, -4.0327, 0.8249



49.4295, -25.1598, -7.4699



9.3611, -4.8206, -1.2943

Previews

White Background



This preview shows how the HunterLab color 33.7399, 51.2825, 20.1696 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 33.7399, 51.2825, 20.1696 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 33.7399, 51.2825, 20.1696 Background



This preview shows how black text looks on a background with the HunterLab color 33.7399, 51.2825, 20.1696.



This preview shows how white text looks on a background with the HunterLab color 33.7399, 51.2825,

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

33.7399, 51.2825, 20.1696

Protanopia

34.1146, -4.1720, 17.6122

Deuteranopia

34.0877, 1.9648, 21.0391



Tritanopia

33.7594, 51.3588, 19.8804

Trichromacy



Original Color

33.7399, 51.2825, 20.1696

Protanomaly

31.5982, 16.7819, 16.9248

Deuteranomaly

31.8963, 21.3736, 19.5481

Tritanomaly

33.7527, 51.3325, 19.9802

Monochromacy



Original Color

33.7399, 51.2825, 20.1696

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.3751, 16.7639, 8.1353

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7399, 51.2825, 20.1696 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(186, 29, 24)` looks like.

```
.text, #text, p{  
    color:rgb(186, 29, 24)  
}
```

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(186, 29, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 29, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7399, 51.2825, 20.1696 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(186, 29, 24) }
```


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

```
.border{ border-color:rgb(186, 29, 24) }
```

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

Here you see how a box with a 4 pixel rgb(186, 29, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 29, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 29, 24);  
box-shadow:4px 4px 4px 4px rgb(186, 29,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7399, 51.2825, 20.1696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 29, 24) }
```

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

```
.background{ background-color: rgb(186, 29,  
24) }
```

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