

Converting Colors

HunterLab(33.8333, 57.9524,
21.7701)

Have a look what the booklet for
HunterLab(33.8333, 57.9524,
21.7701) contains.

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Color

**HunterLab(33.8729, 58.0213,
21.7875)**

Conversions

Conversions Part 1

Format	Color
Hex	C20002
RGB	194, 0, 2
RGB Percent	76%, 0%, 1%
CMY	0.2392, 0.9998, 0.9921
CMYK	0.00, 1.00, 0.99, 0.24
HSL	359°, 100%, 38%
HSV	359°, 100%, 76%
XYZ	22.2591, 11.4737, 1.0989
YIQ	58.2340, 114.9820, 41.7500

Conversions

Conversions Part 2

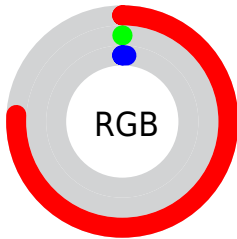
Format	Color
RYB	194, 0, 2
Decimal	12713986
CIELab	40.37, 65.23, 53.96
CIElCh	40, 84.658, 39.600
Yxy	11.4745, 0.6390, 0.3294
Android (android.graphics.Color)	4290904066 (0xFFC20002)
YUV	58.2340, -27.7234, 119.0668
Hunter-Lab	33.8729, 58.0213, 21.7875

Details

The HunterLab color **33.8729, 58.0213, 21.7875** 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 **65.1083, -34.9529, -5.9243**, and the grayscale version is **20.7216, -1.1057, 1.1258**.

A 20% lighter version of the original color is **52.6342, 60.4183, 29.6966**, and **21.7849, 37.3073, 14.0769** is the 20% darker color. If you saturate the color by 10%, you get **33.8726, 58.0206, 21.7892**, and if you desaturate by 10%, it is **34.6481, 55.9285, 21.0979**.

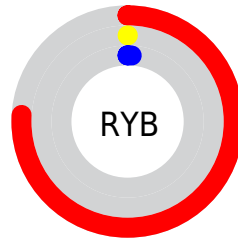
Distribution



Red (76%)

Green (0%)

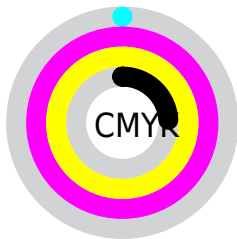
Blue (1%)



Red (76%)

Yellow (0%)

Blue (1%)

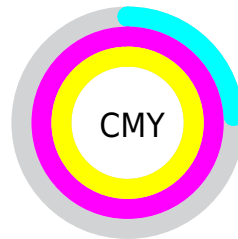


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (24%)



Cyan (24%)


Magenta (100%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 33.8729, 58.0213, 21.7875 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 33.8729, 58.0213, 21.7875 by changing the saturation by 10% instead.


 33.8729, 58.0213,
21.7875


 33.8729, 58.0213,
21.7875


 141.7372, 74.9949,
54.7565


 25.2724, 55.8233,
17.6907


 53.4175, 62.4050,
30.3040


 17.5549, 53.8587,
12.2885

 64.2459, 64.4896,
34.2209

 10.8377, 52.7243,
7.5864


 75.7208, 66.4789,
37.9562

 2.0195, 164.7194,
1.4136

 87.8076, 68.3697,
41.5389

0.0000, INF, NaN

0.0000, NaN, NaN

 100.4767, 70.1632,
44.9926


0.0000, NaN, NaN


 113.7027, 71.8626,


0.0000, NaN, NaN


48.3367


0.0000, NaN, NaN


 127.4628, 73.4718,
51.5869


 33.8729, 58.0213,
21.7875

 33.8729, 58.0213,
21.7875


 33.8726, 58.0206,
21.7892

 34.6481, 55.9285,
21.0979

 36.1465, 52.0919,
19.8323

 38.5248, 46.4629,
18.0554

 41.7476, 39.6120,
15.9625

 45.7252, 32.1426,
13.7488

■ 50.3497, 24.5122,
11.5553

■ 55.5174, 16.9965,
9.4615

■ 61.1384, 9.7291,
7.5008

■ 67.1395, 2.7541,
5.6789

Harmonies

Analogous

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



33.8740, 80.1028, 10.0570



33.8729, 58.0213, 21.7875



33.8740, 21.7764, 23.7118

Triad

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



33.8740, 58.0168, 21.7881



33.8740, -41.7286, 16.3272



33.8740, 8.8031, -116.7520

Complementary

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



33.8729, 58.0213, 21.7875



65.1083, -34.9529, -5.9243

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.



33.8740, -20.3086, -107.3512



33.8729, 58.0213, 21.7875



33.8740, -43.0225, -9.1384

Square

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



33.8740, 58.0168, 21.7881



33.8740, -32.2267, 23.1769



33.8740, -36.7818, -58.5526



33.8740, 45.6180, -78.3528

Rectangle

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



33.8729, 58.0213, 21.7875



33.8740, -1.3893, 23.7118



33.8740, -36.7818, -58.5526



33.8740, -2.2272, -119.5308

Sweetspot

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



33.8740, 58.0168, 21.7881



74.3673, 23.3720, 12.8710



38.6549, 76.2682, -53.1303



33.3693, 12.9608, 6.5826

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.8740, 58.0168, 21.7881



45.5907, 78.0878, 29.3644



44.0872, 29.0551, 27.6735



31.7482, 1.0985, 2.6199



27.4669, 47.0509, 17.6479



5.7144, 9.7990, 3.5928

Inverse Universe

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



33.8740, 58.0168, 21.7881



45.5907, 78.0878, 29.3644



36.1358, 7.4957, -61.3438



31.7482, 1.0985, 2.6199



27.4669, 47.0509, 17.6479



5.7144, 9.7990, 3.5928

Previews

White Background



This preview shows how the HunterLab color 33.8729, 58.0213, 21.7875 looks on a white background.

Color Contrast Check

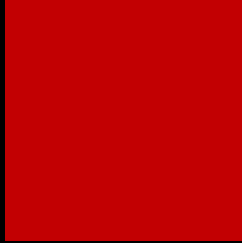
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8729, 58.0213, 21.7875 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 33.8729, 58.0213, 21.7875 Background



This preview shows how black text looks on a background with the HunterLab color 33.8729, 58.0213, 21.7875.



This preview shows how white text looks on a background with the HunterLab color 33.8729, 58.0213,

21.7875.

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

33.8729, 58.0213, 21.7875

Protanopia

34.8146, -4.6623, 19.8047

Deuteranopia

34.6982, 1.4360, 21.4060



Tritanopia

34.1161, 55.1659, 21.9880

Trichromacy



Original Color

33.8729, 58.0213, 21.7875

Protanomaly

30.2464, 22.6574, 17.9948

Deuteranomaly

30.8540, 26.7909, 19.4259

Tritanomaly

34.0279, 56.4726, 21.9065

Monochromacy



Original Color

33.8729, 58.0213, 21.7875

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.4217, 21.4644, 8.5004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8729, 58.0213, 21.7875 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(194, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 2)  
}
```

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(194, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8729, 58.0213, 21.7875 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(194, 0, 2) }
```


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

```
.border{ border-color:rgb(194, 0, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(194, 0, 2); box-shadow:4px  
4px 4px 4px rgb(194, 0, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8729, 58.0213, 21.7875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 2) }
```

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

```
.background{ background-color: rgb(194, 0,  
2) }
```

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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