

Converting Colors

HunterLab(33.7138, 63.5176,
21.6572)

Have a look what the booklet for
HunterLab(33.7138, 63.5176,
21.6572) contains.

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Color

**HunterLab(34.8613, 59.7324,
22.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	C70005
RGB	199, 0, 5
RGB Percent	78%, 0%, 2%
CMY	0.2196, 0.9998, 0.9804
CMYK	0.00, 1.00, 0.97, 0.22
HSL	359°, 100%, 39%
HSV	359°, 100%, 78%
XYZ	23.5806, 12.1531, 1.2465
YIQ	60.0710, 116.9990, 43.7430

Conversions

Conversions Part 2

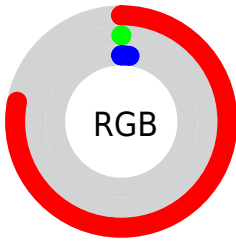
Format	Color
R_{YB}	199, 0, 5
Decimal	13041669
CIE Lab	41.46, 66.51, 53.99
CIE LCh	41, 85.664, 39.069
Yxy	12.1539, 0.6376, 0.3286
Android (android.graphics.Color)	4291231749 (0xFFC70005)
YUV	60.0710, -27.1500, 121.8407
Hunter-Lab	34.8613, 59.7324, 22.2829

Details

The HunterLab color **34.8613, 59.7324, 22.2829** 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 **66.8907, -36.5601, -4.6826**, and the grayscale version is **21.3516, -1.1393, 1.1601**.

A 20% lighter version of the original color is **52.8074, 60.1162, 29.3914**, and **22.5130, 38.5541, 14.5473** is the 20% darker color. If you saturate the color by 10%, you get **34.8610, 59.7317, 22.2846**, and if you desaturate by 10%, it is **35.6482, 57.6463, 21.5012**.

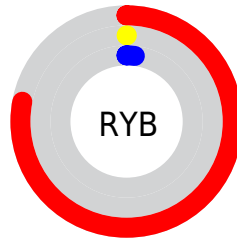
Distribution



Red (78%)

Green (0%)

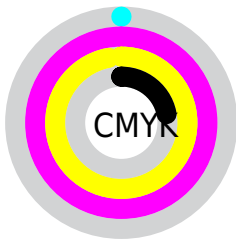
Blue (2%)



Red (78%)

Yellow (0%)

Blue (2%)

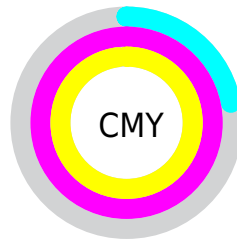


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (22%)



Cyan (22%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 34.8613, 59.7324, 22.2829 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 34.8613, 59.7324, 22.2829 by changing the saturation by 10% instead.


 34.8613, 59.7324,
22.2829


 34.8613, 59.7324,
22.2829


 143.3253, 76.9433,
55.1164


 26.1698, 57.5118,
18.2792


 54.5665, 64.1614,
30.7490


 18.3510, 55.5159,
12.8457

 65.4673, 66.2709,
34.6462

 11.5174, 54.3007,
8.0622


 77.0106, 68.2863,
38.3653

 4.0199, 89.1627,
2.8139

 89.1623, 70.2043,
41.9345

0.0000, INF, NaN

0.0000, NaN, NaN

 101.8934, 72.0257,
45.3769


0.0000, NaN, NaN


 115.1787, 73.7535,


0.0000, NaN, NaN


48.7114


0.0000, NaN, NaN


 128.9959, 75.3913,
51.9537


 34.8613, 59.7324,
22.2829

 34.8613, 59.7324,
22.2829


 34.8610, 59.7317,
22.2846

 35.6482, 57.6463,
21.5012

 37.1878, 53.7564,
20.0870

 39.6332, 48.0040,
18.1806

 42.9483, 40.9722,
15.9913

 47.0407, 33.2831,
13.7187

■ 51.7994, 25.4109,
11.5020

■ 57.1175, 17.6433,
9.4163

■ 62.9026, 10.1208,
7.4895

■ 69.0790, 2.8916,
5.7225

Harmonies

Analogous

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



34.8624, 81.8008, 9.9032



34.8613, 59.7324, 22.2829



34.8624, 22.8833, 24.4037

Triad

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



34.8624, 59.7278, 22.2835



34.8624, -42.6610, 16.9749



34.8624, 8.3493, -118.9958

Complementary

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



34.8613, 59.7324, 22.2829



66.8907, -36.5601, -4.6826

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.



34.8624, -21.1894, -108.5294



34.8613, 59.7324, 22.2829



34.8624, -44.1245, -8.6166

Square

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



34.8624, 59.7278, 22.2835



34.8624, -32.7237, 23.8123



34.8624, -37.8611, -58.5950



34.8624, 45.8641, -80.6690

Rectangle

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



34.8613, 59.7324, 22.2829



34.8624, -0.8596, 24.4037



34.8624, -37.8611, -58.5950



34.8624, -2.8532, -121.4922

Sweetspot

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



34.8624, 59.7278, 22.2835



75.2410, 23.8135, 12.5826



39.2159, 77.6671, -56.1666



33.3849, 13.0393, 6.3580

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.8624, 59.7278, 22.2835



46.1237, 79.0184, 29.5699



44.6668, 31.5615, 28.0745



32.6208, 1.1595, 2.6402



27.9581, 47.9111, 17.8187



6.0962, 10.4720, 3.6913

Inverse Universe

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



34.8624, 59.7278, 22.2835



46.1237, 79.0184, 29.5699



38.0306, 6.0986, -60.6961



32.6208, 1.1595, 2.6402



27.9581, 47.9111, 17.8187



6.0962, 10.4720, 3.6913

Previews

White Background



This preview shows how the HunterLab color 34.8613, 59.7324, 22.2829 looks on a white background.

Color Contrast Check

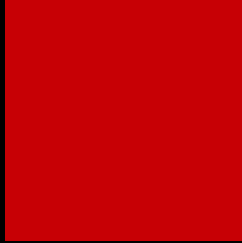
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8613, 59.7324, 22.2829 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 34.8613, 59.7324, 22.2829 Background



This preview shows how black text looks on a background with the HunterLab color 34.8613, 59.7324, 22.2829.



This preview shows how white text looks on a background with the HunterLab color 34.8613, 59.7324,

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

34.8613, 59.7324, 22.2829

Protanopia

35.9063, -4.9199, 20.4255

Deuteranopia

35.5247, 1.6270, 21.9186



Tritanopia

35.0755, 56.8981, 22.6095

Trichromacy



Original Color

34.8613, 59.7324, 22.2829

Protanomaly

31.0480, 22.9589, 18.4407

Deuteranomaly

31.6361, 27.9380, 19.8755

Tritanomaly

34.9993, 58.1923, 22.4879

Monochromacy



Original Color

34.8613, 59.7324, 22.2829

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

22.1787, 22.6090, 8.6956

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.8613, 59.7324, 22.2829 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(199, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 5)  
}
```

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(199, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 34.8613, 59.7324, 22.2829 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(199, 0, 5) }
```


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

```
.border{ border-color:rgb(199, 0, 5) }
```

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

Here you see how a box with a 4 pixel rgb(199, 0, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(199, 0, 5); box-shadow:4px  
4px 4px 4px rgb(199, 0, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.8613, 59.7324, 22.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 5) }
```

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

```
.background{ background-color: rgb(199, 0,  
5) }
```

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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