

Converting Colors

HunterLab(36.6131, 59.2212,
22.4952)

Have a look what the booklet for
HunterLab(36.6131, 59.2212,
22.4952) contains.

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Color

**HunterLab(36.5899, 59.2852,
22.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1414
RGB	204, 20, 20
RGB Percent	80%, 8%, 8%
CMY	0.2000, 0.9215, 0.9216
CMYK	0.00, 0.90, 0.90, 0.20
HSL	0°, 82%, 44%
HSV	0°, 90%, 80%
XYZ	25.2783, 13.3882, 1.9137
YIQ	75.0160, 109.6640, 39.0080

Conversions

Conversions Part 2

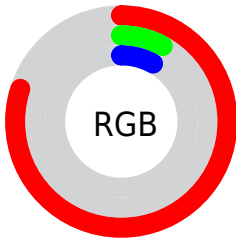
Format	Color
R_{YB}	204, 20, 20
Decimal	13374484
CIE Lab	43.34, 65.75, 50.32
CIE LCh	43, 82.795, 37.424
Yxy	13.3891, 0.6229, 0.3299
Android (android.graphics.Color)	4291564564 (0xFFCC1414)
YUV	75.0160, -27.1229, 113.1190
Hunter-Lab	36.5899, 59.2852, 22.5120

Details

The HunterLab color **36.5899, 59.2852, 22.5120** 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 **69.0516, -36.1189, -7.1336**, and the grayscale version is **26.6027, -1.4195, 1.4454**.

A 20% lighter version of the original color is **53.9883, 57.5896, 28.4439**, and **23.6124, 40.4369, 15.2578** is the 20% darker color. If you saturate the color by 10%, you get **35.8300, 61.3555, 23.1524**, and if you desaturate by 10%, it is **38.1308, 55.2867, 21.2866**.

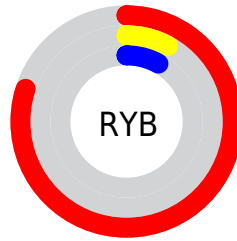
Distribution



Red (80%)

Green (8%)

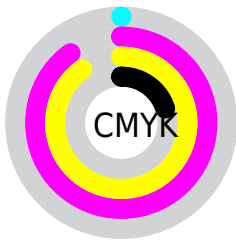
Blue (8%)



Red (80%)

Yellow (8%)

Blue (8%)

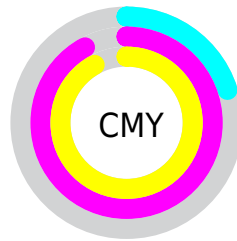


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (92%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5899, 59.2852, 22.5120 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 36.5899, 59.2852, 22.5120 by changing the saturation by 10% instead.

■ 36.5899, 59.2852,
22.5120

■ 36.5899, 59.2852,
22.5120

146.0809, 76.1657,
53.1362

■ 27.7435, 57.0594,
18.3486

■ 56.5694, 63.6602,
30.3712

■ 19.7527, 54.9932,
13.8269

■ 67.5941, 65.7318,
33.9930

■ 12.7229, 53.5184,
8.9060

■ 79.2544, 67.7071,
37.4551

■ 6.0842, 63.3422,
4.2589

■ 91.5174, 69.5843,
40.7840

0.0000, INF, NaN

0.0000, NaN, NaN

■ 104.3548, 71.3652,
44.0009

0.0000, NaN, NaN


■ 117.7419, 73.0531,

0.0000, NaN, NaN


47.1230


0.0000, NaN, NaN


 131.6570, 74.6519,
50.1643


 36.5899, 59.2852,
22.5120


 36.5899, 59.2852,
22.5120


 35.8300, 61.3555,
23.1524

 38.1308, 55.2867,
21.2866

 40.6085, 49.3660,
19.4821

 43.9906, 42.1221,
17.2990

 48.1829, 34.2051,
14.9484

 53.0702, 26.1117,
12.5883

■ 58.5409, 18.1422,
10.3116

■ 64.4981, 10.4420,
8.1600

■ 70.8628, 3.0591,
6.1440

■ 77.5717, -4.0108,
4.2576

Harmonies

Analogous

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



36.5911, 79.0625, 8.6536



36.5899, 59.2852, 22.5120



36.5911, 24.1837, 25.6137

Triad

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



36.5911, 59.2806, 22.5126



36.5911, -42.6385, 17.8760



36.5911, 6.1651, -112.7070

Complementary

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



36.5899, 59.2852, 22.5120



69.0516, -36.1189, -7.1336

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.



36.5911, -22.3407, -100.3783



36.5899, 59.2852, 22.5120



36.5911, -44.5978, -6.2196

Square

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



36.5911, 59.2806, 22.5126



36.5911, -31.8550, 24.5967



36.5911, -38.5766, -52.8041



36.5911, 42.3585, -79.0857

Rectangle

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



36.5899, 59.2852, 22.5120



36.5911, 0.7947, 25.6137



36.5911, -38.5766, -52.8041



36.5911, -4.6246, -114.0850

Sweetspot

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



36.5911, 59.2806, 22.5126



77.4576, 20.4895, 12.4651



42.0681, 79.3491, -53.2016



34.6448, 11.0893, 6.2207

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.5911, 59.2806, 22.5126



46.1094, 78.9594, 29.7947



49.4734, 24.6279, 30.1232



33.4872, 1.1644, 2.8091



28.4262, 48.6762, 18.3683



6.4572, 11.0534, 4.1724

Inverse Universe

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



69.0516, -36.1189, -7.1336



88.7225, -47.0278, -9.3759



40.1207, 5.3417, -59.6052



35.6746, -4.6736, 1.0092



54.6965, -28.9923, -5.7798



12.4237, -6.5855, -1.3123

Previews

White Background



This preview shows how the HunterLab color 36.5899, 59.2852, 22.5120 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 36.5899, 59.2852, 22.5120 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 36.5899, 59.2852, 22.5120 Background



This preview shows how black text looks on a background with the HunterLab color 36.5899, 59.2852, 22.5120.



This preview shows how white text looks on a background with the HunterLab color 36.5899, 59.2852,

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

36.5899, 59.2852, 22.5120

Protanopia

37.0772, -4.7707, 19.9645

Deuteranopia

37.0796, 1.6489, 22.8771



Tritanopia

36.6098, 59.0097, 22.9752

Trichromacy



Original Color

36.5899, 59.2852, 22.5120

Protanomaly

33.4065, 20.8469, 18.6491

Deuteranomaly

34.1537, 25.5728, 21.1441

Tritanomaly

36.6212, 59.0531, 22.8060

Monochromacy



Original Color

36.5899, 59.2852, 22.5120

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.7316, 20.5409, 8.8148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5899, 59.2852, 22.5120 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(204, 20, 20)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 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(204, 20, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5899, 59.2852, 22.5120 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(204, 20, 20) }
```


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

```
.border{ border-color:rgb(204, 20, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 20, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 20);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5899, 59.2852, 22.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 20) }
```

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

```
.background{ background-color: rgb(204, 20,  
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](#).

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