

Converting Colors

HunterLab(36.5827, 58.8162,
23.5718)

Have a look what the booklet for
HunterLab(36.5827, 58.8162,
23.5718) contains.

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Color

**HunterLab(36.5701, 58.8582,
23.5647)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1500
RGB	204, 21, 0
RGB Percent	80%, 8%, 0%
CMY	0.2000, 0.9175, 1.0000
CMYK	0.00, 0.90, 1.00, 0.20
HSL	6°, 100%, 40%
HSV	6°, 100%, 80%
XYZ	25.1700, 13.3737, 1.2548
YIQ	73.3230, 115.8090, 32.2650

Conversions

Conversions Part 2

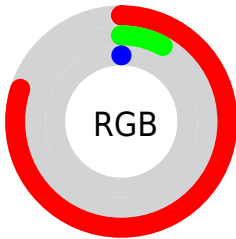
Format	Color
RYB	204, 23, 0
Decimal	13374720
CIELab	43.32, 65.39, 57.10
CIElCh	43, 86.810, 41.131
Yxy	13.3746, 0.6324, 0.3360
Android (android.graphics.Color)	4291564800 (0xFFCC1500)
YUV	73.3230, -36.1482, 114.6037
Hunter-Lab	36.5701, 58.8582, 23.5647

Details

The HunterLab color **36.5701, 58.8582, 23.5647** 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 **61.8193, -27.8337, -17.1836**, and the grayscale version is **26.0277, -1.3888, 1.4141**.

A 20% lighter version of the original color is **53.8509, 56.9900, 30.4720**, and **23.4285, 40.1221, 15.1390** is the 20% darker color. If you saturate the color by 10%, you get **36.5712, 58.8539, 23.5653**, and if you desaturate by 10%, it is **37.8967, 55.0511, 23.2505**.

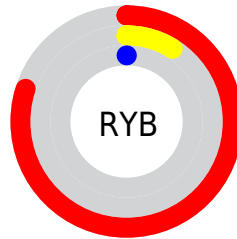
Distribution



Red (80%)

Green (8%)

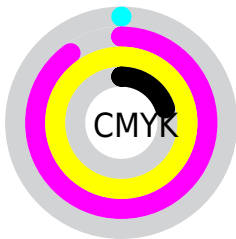
Blue (0%)



Red (80%)

Yellow (9%)

Blue (0%)

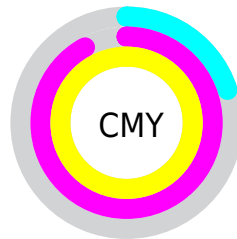


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (92%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 36.5701, 58.8582, 23.5647 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 36.5701, 58.8582, 23.5647 by changing the saturation by 10% instead.

 36.5701, 58.8582,
23.5647


 36.5701, 58.8582,
23.5647


 146.0495, 75.6474,
57.8003


 27.7254, 56.6372,
19.3555


 56.5465, 63.2164,
32.3687


 19.7366, 54.5703,
13.8156

 67.5698, 65.2779,
36.4323

 12.7090, 53.0828,
8.8963


 79.2288, 67.2427,
40.3135

 6.0646, 62.9300,
4.2453

 91.4905, 69.1092,
44.0398

0.0000, INF, NaN

0.0000, NaN, NaN

 104.3267, 70.8793,
47.6342

0.0000, NaN, NaN


 117.7127, 72.5563,


0.0000, NaN, NaN

51.1158


0.0000, NaN, NaN

 131.6267, 74.1443,
54.5001


 36.5701, 58.8582,
23.5647


 36.5701, 58.8582,
23.5647


 36.5712, 58.8539,
23.5653

 37.8967, 55.0511,
23.2505

 39.9801, 49.6560,
22.4206

 42.8183, 43.1622,
20.9873

 46.3512, 36.0781,
19.0834

 50.4962, 28.8179,
16.8601

■ 55.1673, 21.6555,
14.4442

■ 60.2857, 14.7397,
11.9260

■ 65.7840, 8.1323,
9.3631

■ 71.6061, 1.8428,
6.7890

Harmonies

Analogous

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



36.5713, 83.0001, 11.7985



36.5701, 58.8582, 23.5647



36.5713, 20.8097, 25.5999

Triad

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



36.5713, 58.8536, 23.5653



36.5713, -44.5982, 16.5838



36.5713, 11.0639, -119.7494

Complementary

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



36.5701, 58.8582, 23.5647



61.8193, -27.8337, -17.1836

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.



36.5713, -20.2286, -112.8104



36.5701, 58.8582, 23.5647



36.5713, -45.5973, -11.6205

Square

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



36.5713, 58.8536, 23.5653



36.5713, -34.9296, 24.5449



36.5713, -38.4174, -63.7370



36.5713, 49.5889, -78.4020

Rectangle

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



36.5701, 58.8582, 23.5647



36.5713, -3.1926, 25.5999



36.5713, -38.4174, -63.7370



36.5713, -0.6972, -123.5414

Sweetspot

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



36.5713, 58.8536, 23.5653



77.3139, 19.3101, 15.4760



40.3500, 77.6352, -40.0876



34.4414, 10.6742, 7.8046

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.5713, 58.8536, 23.5653



46.9162, 76.2299, 30.2441



51.8217, 19.2278, 32.2688



33.7589, 0.6910, 3.1118



29.1264, 46.3198, 18.7584



7.0881, 9.0358, 4.5259

Inverse Universe

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



61.8193, -27.8337, -17.1836



79.4376, -35.6704, -22.2880



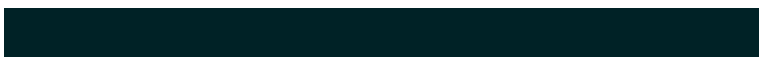
32.1468, 20.8489, -85.1873



35.3861, -4.2149, 0.6691



49.1262, -22.1850, -13.5124



11.4162, -5.3626, -2.6929

Previews

White Background



This preview shows how the HunterLab color 36.5701, 58.8582, 23.5647 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 36.5701, 58.8582, 23.5647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

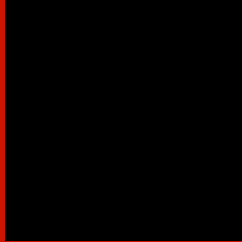
Any Text WCAG AA × Fail

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 36.5701, 58.8582, 23.5647 Background



This preview shows how black text looks on a background with the HunterLab color 36.5701, 58.8582, 23.5647.



This preview shows how white text looks on a background with the HunterLab color 36.5701, 58.8582,

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

36.5701, 58.8582, 23.5647

Protanopia

37.0906, -4.8822, 21.2074

Deuteranopia

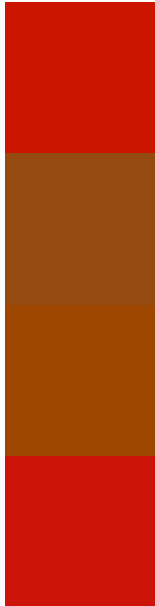
37.0796, 1.6489, 22.8771



Tritanopia

36.6063, 58.9966, 23.0261

Trichromacy



Original Color

36.5701, 58.8582, 23.5647

Protanomaly

33.6565, 20.3599, 20.1612

Deuteranomaly

34.3156, 25.0156, 21.5830

Tritanomaly

36.5940, 58.9496, 23.2089

Monochromacy



Original Color

36.5701, 58.8582, 23.5647

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.2689, 19.9249, 10.7016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5701, 58.8582, 23.5647 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, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 21, 0)  
}
```

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, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 21, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5701, 58.8582, 23.5647 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, 21, 0) }
```


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

```
.border{ border-color:rgb(204, 21, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 21, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 21, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 21, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 21, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.5701, 58.8582, 23.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 21, 0) }
```

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

```
.background{ background-color: rgb(204, 21,  
0) }
```

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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