

Converting Colors

HunterLab(38.3567, 53.1240,
24.5652)

Have a look what the booklet for
HunterLab(38.3567, 53.1240,
24.5652) contains.

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Color

**HunterLab(38.3590, 53.1167,
24.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2D00
RGB	204, 45, 0
RGB Percent	80%, 18%, 0%
CMY	0.2000, 0.8235, 1.0000
CMYK	0.00, 0.78, 1.00, 0.20
HSL	13°, 100%, 40%
HSV	13°, 100%, 80%
XYZ	25.8402, 14.7141, 1.4782
YIQ	87.4110, 109.2090, 19.7130

Conversions

Conversions Part 2

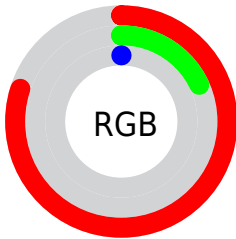
Format	Color
RYB	204, 58, 0
Decimal	13380864
CIELab	45.24, 59.94, 57.88
CIELCh	45, 83.319, 43.997
Yxy	14.7150, 0.6148, 0.3501
Android (android.graphics.Color)	4291570944 (0xFFCC2D00)
YUV	87.4110, -43.0936, 102.2486
Hunter-Lab	38.3590, 53.1167, 24.5665

Details

The HunterLab color **38.3590, 53.1167, 24.5665** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **53.9925, -17.4727, -29.7671**, and the grayscale version is **31.1500, -1.6621, 1.6924**.

A 20% lighter version of the original color is **56.0769, 51.1674, 31.4943**, and **23.6124, 40.4369, 15.2578** is the 20% darker color. If you saturate the color by 10%, you get **38.3600, 53.1129, 24.5671**, and if you desaturate by 10%, it is **40.2707, 47.8543, 24.6501**.

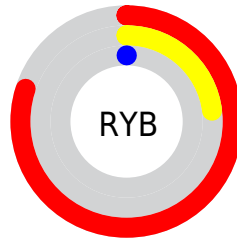
Distribution



Red (80%)

Green (18%)

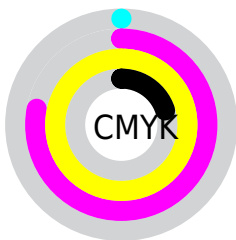
Blue (0%)



Red (80%)

Yellow (23%)

Blue (0%)

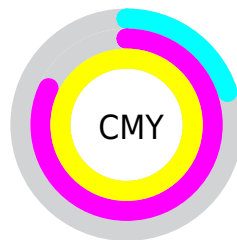


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (82%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 38.3590, 53.1167, 24.5665 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 38.3590, 53.1167, 24.5665 by changing the saturation by 10% instead.


 38.3590, 53.1167,
24.5665


 38.3590, 53.1167,
24.5665


 148.8741, 68.3193,
58.9441


 29.3592, 50.9845,
20.1440


 58.6110, 57.1695,
33.3818


 21.1989, 48.8938,
14.8392

 69.7591, 59.0529,
37.4576

 13.9768, 47.1027,
9.7838


 81.5362, 60.8338,
41.3543

 7.6175, 48.6223,
5.3322

 93.9102, 62.5143,
45.0986

0.0000, INF, NaN

0.0000, NaN, NaN

 106.8537, 64.0984,
48.7127

0.0000, NaN, NaN


 120.3426, 65.5908,


0.0000, NaN, NaN


52.2152


0.0000, NaN, NaN


 134.3557, 66.9963,
55.6214

 38.3590, 53.1167,
24.5665


 38.3590, 53.1167,
24.5665


 38.3600, 53.1129,
24.5671

 40.2707, 47.8543,
24.6501

 42.7519, 41.8366,
24.1916

 45.7757, 35.4654,
23.0723

 49.2893, 29.0388,
21.3731

 53.2347, 22.7596,
19.2006

■ 57.5564, 16.7442,
16.6574

■ 62.2043, 11.0454,
13.8292

■ 67.1353, 5.6744,
10.7828

■ 72.3128, 0.6186,
7.5681

Harmonies

Analogous

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



38.3602, 77.9314, 13.7331



38.3590, 53.1167, 24.5665



38.3602, 16.4625, 26.8521

Triad

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



38.3602, 53.1124, 24.5671



38.3602, -45.1316, 14.9891



38.3602, 14.0233, -109.4643

Complementary

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



38.3590, 53.1167, 24.5665



53.9925, -17.4727, -29.7671

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.



38.3602, -17.6033, -107.8144



38.3590, 53.1167, 24.5665



38.3602, -45.4016, -14.9693

Square

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



38.3602, 53.1124, 24.5671



38.3602, -36.1563, 24.8509



38.3602, -37.0773, -65.0308



38.3602, 50.8291, -68.5542

Rectangle

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



38.3590, 53.1167, 24.5665



38.3602, -6.2503, 26.8521



38.3602, -37.0773, -65.0308



38.3602, 2.3416, -114.5071

Sweetspot

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



38.3602, 53.1124, 24.5671



79.8091, 14.4941, 17.9453



39.2025, 73.5913, -24.7156



35.7223, 8.1342, 9.0372

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.3602, 53.1124, 24.5671



49.1060, 69.1586, 31.4697



57.8418, 7.4392, 35.7720



34.0711, 0.1516, 3.4570



30.6213, 41.5572, 19.5962



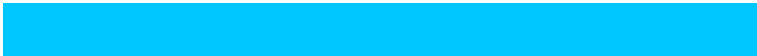
7.7463, 7.1873, 4.8990

Inverse Universe

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



53.9925, -17.4727, -29.7671



69.2426, -22.1507, -38.7302



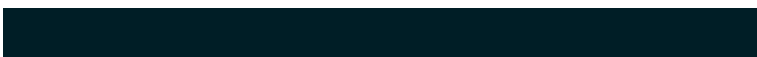
27.1399, 34.0740, -107.4782



35.0581, -3.6891, 0.2791



43.0018, -14.0933, -23.3251



10.2982, -3.9234, -4.4024

Previews

White Background



This preview shows how the HunterLab color 38.3590, 53.1167, 24.5665 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 38.3590, 53.1167, 24.5665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

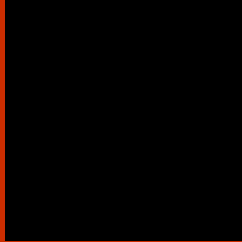
Any Text WCAG AA × Fail

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 38.3590, 53.1167, 24.5665 Background



This preview shows how black text looks on a background with the HunterLab color 38.3590, 53.1167, 24.5665.



This preview shows how white text looks on a background with the HunterLab color 38.3590, 53.1167,

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

38.3590, 53.1167, 24.5665

Protanopia

38.6376, -5.0008, 22.3947

Deuteranopia

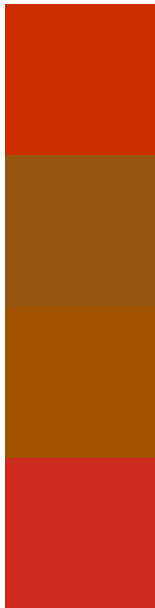
38.6455, 1.6706, 23.8424



Tritanopia

38.2890, 54.8927, 21.1625

Trichromacy



Original Color

38.3590, 53.1167, 24.5665

Protanomaly

36.3413, 16.3841, 21.9428

Deuteranomaly

36.8940, 21.1452, 23.1041

Tritanomaly

38.2678, 54.1381, 22.9217

Monochromacy



Original Color

38.3590, 53.1167, 24.5665

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.0747, 15.7726, 12.5280

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3590, 53.1167, 24.5665 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, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 45, 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, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 45, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3590, 53.1167, 24.5665 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, 45, 0) }
```


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

```
.border{ border-color:rgb(204, 45, 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, 45, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 45, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 45, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 45, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.3590, 53.1167, 24.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 45, 0) }
```

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

```
.background{ background-color: rgb(204, 45,  
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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