

Converting Colors

HunterLab(38.1336, 63.9357,
18.7328)

Have a look what the booklet for
HunterLab(38.1336, 63.9357,
18.7328) contains.

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Color

**HunterLab(38.2056, 64.0628,
18.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	D40E38
RGB	212, 14, 56
RGB Percent	83%, 5%, 22%
CMY	0.1686, 0.9450, 0.7804
CMYK	0.00, 0.93, 0.74, 0.17
HSL	347°, 88%, 44%
HSV	347°, 93%, 83%
XYZ	28.0223, 14.5967, 5.0819
YIQ	77.9900, 104.5260, 55.0380

Conversions

Conversions Part 2

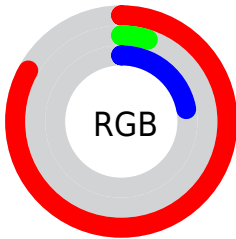
Format	Color
R_{YB}	212, 14, 56
Decimal	13897272
CIE Lab	45.08, 69.51, 33.30
CIE LCh	45, 77.078, 25.594
Yxy	14.5976, 0.5874, 0.3060
Android (android.graphics.Color)	4292087352 (0xFFD40E38)
YUV	77.9900, -10.8411, 117.5268
Hunter-Lab	38.2056, 64.0628, 18.8575

Details

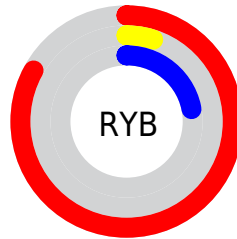
The HunterLab color **38.2056, 64.0628, 18.8575** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **70.7701, -45.6976, 10.9318**, and the grayscale version is **27.6169, -1.4736, 1.5005**.

A 20% lighter version of the original color is **54.5174, 59.8868, 20.6865**, and **25.1603, 43.2248, 15.1954** is the 20% darker color. If you saturate the color by 10%, you get **37.6643, 65.0029, 20.4482**, and if you desaturate by 10%, it is **39.6109, 61.1492, 16.1199**.

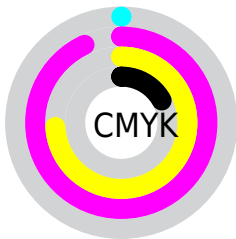
Distribution



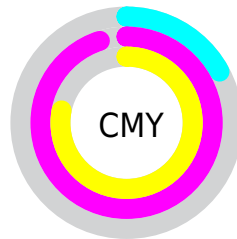
- Red (83%)
- Green (5%)
- Blue (22%)



- Red (83%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (93%)
- Yellow (74%)
- Black (17%)



- Cyan (17%)
- Magenta (95%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2056, 64.0628, 18.8575 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 38.2056, 64.0628, 18.8575 by changing the saturation by 10% instead.

■ 38.2056, 64.0628,
18.8575

■ 38.2056, 64.0628,
18.8575

148.6329, 81.7451,
40.3842

■ 29.2189, 61.7819,
15.9162

■ 58.4343, 68.5867,
24.2262

■ 21.0731, 59.6800,
12.7958

■ 69.5718, 70.7444,
26.7276

■ 13.8674, 58.1812,
9.7071

■ 81.3389, 72.8102,
29.1413

■ 7.4978, 61.5390,
5.2485

■ 93.7034, 74.7807,
31.4847

0.0000, INF, NaN

0.0000, INF, NaN

■ 106.6378, 76.6565,
33.7713

0.0000, NaN, NaN

■ 120.1180, 78.4402,

0.0000, NaN, NaN

36.0114

0.0000, NaN, NaN

134.1227, 80.1351,
38.2135

■ 38.2056, 64.0628,
18.8575

■ 38.2056, 64.0628,
18.8575

■ 37.6643, 65.0029,
20.4482

■ 39.6109, 61.1492,
16.1199

■ 41.9478, 55.9832,
13.3408

■ 45.2078, 49.0431,
10.7898

■ 49.3108, 40.9884,
8.6406

■ 54.1466, 32.3978,
6.9625

■ 59.6030, 23.6693,
5.7493

■ 65.5797, 15.0314,
4.9557

■ 71.9930, 6.5924,
4.5229

■ 78.7752, -1.6113,
4.3931

Harmonies

Analogous

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



38.2068, 72.9079, -2.3191



38.2056, 64.0628, 18.8575



38.2068, 35.7454, 25.2118

Triad

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



38.2068, 64.0581, 18.8583



38.2068, -38.5813, 21.7707



38.2068, -6.3167, -100.9137

Complementary

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



38.2056, 64.0628, 18.8575



70.7701, -45.6976, 10.9318

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.



38.2068, -29.1826, -75.0217



38.2056, 64.0628, 18.8575



38.2068, -43.8483, 6.0107

Square

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



38.2068, 64.0581, 18.8583



38.2068, -23.6563, 25.8545



38.2068, -41.0233, -29.4946



38.2068, 25.7964, -86.1040

Rectangle

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



38.2056, 64.0628, 18.8575



38.2068, 13.1805, 26.4121



38.2068, -41.0233, -29.4946



38.2068, -15.1984, -96.3527

Sweetspot

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



38.2068, 64.0581, 18.8583



77.1273, 23.7354, 6.5284



36.7634, 73.6852, -76.5097



34.2211, 13.1377, 3.2379

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.2068, 64.0581, 18.8583



46.3970, 80.0314, 25.5225



42.9243, 47.2617, 26.7015



35.3036, 1.5716, 2.0995



29.6138, 51.1492, 15.7670



7.3575, 12.8736, 2.6326

Inverse Universe

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



38.2068, 64.0581, 18.8583



46.3970, 80.0314, 25.5225



53.4733, -13.6681, -36.3517



35.3036, 1.5716, 2.0995



29.6138, 51.1492, 15.7670



7.3575, 12.8736, 2.6326

Previews

White Background



This preview shows how the HunterLab color 38.2056, 64.0628, 18.8575 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 38.2056, 64.0628, 18.8575 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 38.2056, 64.0628, 18.8575 Background



This preview shows how black text looks on a background with the HunterLab color 38.2056, 64.0628, 18.8575.



This preview shows how white text looks on a background with the HunterLab color 38.2056, 64.0628,

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

38.2056, 64.0628, 18.8575

Protanopia

38.7227, -3.2561, 11.2735

Deuteranopia

38.6759, 2.2635, 20.0657



Tritanopia

38.2646, 60.7088, 23.5420

Trichromacy



Original Color

38.2056, 64.0628, 18.8575

Protanomaly

34.4422, 23.8349, 10.7896

Deuteranomaly

35.2273, 28.0799, 17.3079

Tritanomaly

38.1290, 61.7322, 22.2224

Monochromacy



Original Color

38.2056, 64.0628, 18.8575

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.7247, 23.7457, 5.1082

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2056, 64.0628, 18.8575 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(212, 14, 56)` looks like.

```
.text, #text, p{  
    color:rgb(212, 14, 56)  
}
```

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(212, 14, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 14, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2056, 64.0628, 18.8575 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(212, 14, 56) }
```


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

```
.border{ border-color:rgb(212, 14, 56) }
```

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

Here you see how a box with a 4 pixel rgb(212, 14, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 14, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 14, 56);  
box-shadow:4px 4px 4px 4px rgb(212, 14,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2056, 64.0628, 18.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 14, 56) }
```

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

```
.background{ background-color: rgb(212, 14,  
56) }
```

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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