

Converting Colors

HunterLab(37.7280, 67.2123,
14.9205)

Have a look what the booklet for
HunterLab(37.7280, 67.2123,
14.9205) contains.

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Color

**HunterLab(38.0328, 66.3625,
15.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	D40048
RGB	212, 0, 72
RGB Percent	83%, 0%, 28%
CMY	0.1686, 0.9998, 0.7176
CMYK	0.00, 1.00, 0.66, 0.17
HSL	340°, 100%, 42%
HSV	340°, 100%, 83%
XYZ	28.3211, 14.4649, 7.4302
YIQ	71.5960, 103.2400, 67.3360

Conversions

Conversions Part 2

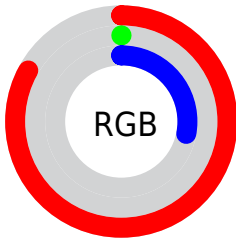
Format	Color
RYB	212, 0, 72
Decimal	13893704
CIELab	44.89, 71.49, 23.26
CIElCh	45, 75.177, 18.023
Yxy	14.4658, 0.5640, 0.2881
Android (android.graphics.Color)	4292083784 (0xFFD40048)
YUV	71.5960, 0.1992, 123.1343
Hunter-Lab	38.0328, 66.3625, 15.0399

Details

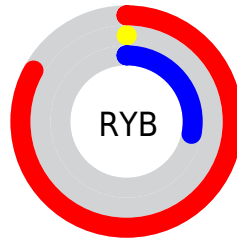
The HunterLab color **38.0328, 66.3625, 15.0399** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **69.9870, -50.3477, 21.2108**, and the grayscale version is **25.2956, -1.3497, 1.3744**.

A 20% lighter version of the original color is **54.4018, 62.6852, 15.2536**, and **25.4623, 43.9731, 13.5995** is the 20% darker color. If you saturate the color by 10%, you get **38.0322, 66.3604, 15.0472**, and if you desaturate by 10%, it is **39.0055, 64.9273, 11.7881**.

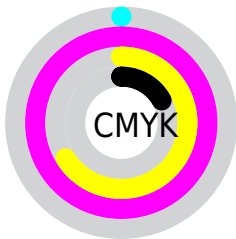
Distribution



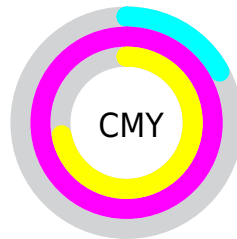
- Red (83%)
- Green (0%)
- Blue (28%)



- Red (83%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0328, 66.3625, 15.0399 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 38.0328, 66.3625, 15.0399 by changing the saturation by 10% instead.

 38.0328, 66.3625, 15.0399	 38.0328, 66.3625, 15.0399
148.3610, 84.5306, 31.5359	 29.0609, 64.0640, 12.8955
 58.2352, 70.9704, 19.0163	 20.9314, 61.9823, 10.5859
 69.3608, 73.1810, 20.9002	 13.7442, 60.5899, 8.8912
 81.1165, 75.3029, 22.7375	 7.3605, 64.8616, 5.1523
 93.4703, 77.3312, 24.5394	0.0000, INF, NaN
	0.0000, INF, NaN
 106.3944, 79.2658, 26.3144	0.0000, NaN, NaN
 119.8647, 81.1084,	0.0000, NaN, NaN

28.0689

0.0000, NaN, NaN

133.8599, 82.8622,
29.8081

■ 38.0328, 66.3625,
15.0399

■ 38.0328, 66.3625,
15.0399

■ 38.0322, 66.3604,
15.0472

■ 39.0055, 64.9273,
11.7881

■ 40.7491, 61.3981,
8.6397

■ 43.4039, 55.6544,
5.9697

■ 46.9345, 48.2551,
3.9622

■ 51.2521, 39.8458,
2.6675

■ 56.2494, 30.9560,
2.0416

■ 61.8221, 21.9391,
1.9962

■ 67.8787, 12.9959,
2.4331

■ 74.3434, 4.2226,
3.2631

Harmonies

Analogous

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



38.0340, 68.8232, -10.5822



38.0328, 66.3625, 15.0399



38.0340, 42.6102, 24.1120

Triad

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



38.0340, 66.3579, 15.0408



38.0340, -35.0968, 23.1497



38.0340, -12.8673, -94.1041

Complementary

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



38.0328, 66.3625, 15.0399



69.9870, -50.3477, 21.2108

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.



38.0340, -32.4650, -61.7160



38.0328, 66.3625, 15.0399



38.0340, -42.4927, 11.4699

Square

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



38.0340, 66.3579, 15.0408



38.0340, -17.7108, 25.9791



38.0340, -41.7000, -18.1307



38.0340, 16.6883, -89.9887

Rectangle

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



38.0328, 66.3625, 15.0399



38.0340, 21.0220, 25.7858



38.0340, -41.7000, -18.1307



38.0340, -20.6366, -86.5069

Sweetspot

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



38.0340, 66.3579, 15.0408



75.9489, 27.4143, 2.4516



31.8465, 69.4558, -95.1230



33.7512, 14.8739, 1.1126

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.0340, 66.3579, 15.0408



46.8413, 81.6711, 18.9968



38.7575, 59.5812, 24.9233



35.3408, 1.7713, 1.5699



29.9108, 52.2446, 11.4106



7.4490, 13.2089, 1.3078

Inverse Universe

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



38.0340, 66.3579, 15.0408



46.8413, 81.6711, 18.9968



61.2206, -24.7764, -23.0327



35.3408, 1.7713, 1.5699



29.9108, 52.2446, 11.4106



7.4490, 13.2089, 1.3078

Previews

White Background



This preview shows how the HunterLab color 38.0328, 66.3625, 15.0399 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 38.0328, 66.3625, 15.0399 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 38.0328, 66.3625, 15.0399 Background



This preview shows how black text looks on a background with the HunterLab color 38.0328, 66.3625, 15.0399.



This preview shows how white text looks on a background with the HunterLab color 38.0328, 66.3625,

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

38.0328, 66.3625, 15.0399

Protanopia

38.9169, -1.5074, 3.1800

Deuteranopia

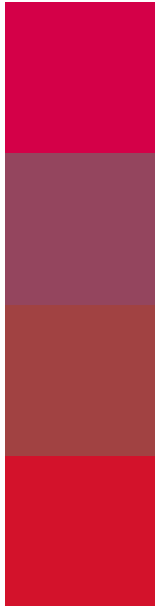
38.6702, 2.6535, 16.8873



Tritanopia

38.4736, 60.2112, 23.2553

Trichromacy



Original Color

38.0328, 66.3625, 15.0399

Protanomaly

33.7050, 27.6644, 2.6251

Deuteranomaly

34.4483, 31.0661, 12.8996

Tritanomaly

38.0209, 62.6465, 20.9610

Monochromacy



Original Color

38.0328, 66.3625, 15.0399

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.7543, 26.4227, 2.2180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0328, 66.3625, 15.0399 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, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 72)  
}
```

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, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0328, 66.3625, 15.0399 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, 0, 72) }
```


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

```
.border{ border-color:rgb(212, 0, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.0328, 66.3625, 15.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 72) }
```

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

```
.background{ background-color: rgb(212, 0,  
72) }
```

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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