

Converting Colors

HunterLab(38.8676, 66.5614,
25.1149)

Have a look what the booklet for
HunterLab(38.8676, 66.5614,
25.1149) contains.

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Color

**HunterLab(38.8073, 66.4587,
25.0764)**

Conversions

Conversions Part 1

Format	Color
Hex	DB0000
RGB	219, 0, 0
RGB Percent	86%, 0%, 0%
CMY	0.1412, 0.9998, 1.0000
CMYK	0.00, 1.00, 1.00, 0.14
HSL	0°, 100%, 43%
HSV	0°, 100%, 86%
XYZ	29.2134, 15.0601, 1.3671
YIQ	65.4810, 130.5240, 46.4280

Conversions

Conversions Part 2

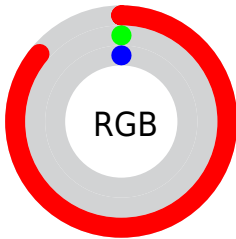
Format	Color
RYB	219, 0, 0
Decimal	14352384
CIELab	45.72, 71.41, 59.92
CIElCh	46, 93.219, 40.002
Yxy	15.0610, 0.6401, 0.3300
Android (android.graphics.Color)	4292542464 (0xFFDB0000)
YUV	65.4810, -32.2821, 134.6362
Hunter-Lab	38.8073, 66.4587, 25.0764

Details

The HunterLab color **38.8073, 66.4587, 25.0764** 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 **74.6664, -39.5730, -7.8998**, and the grayscale version is **23.2464, -1.2404, 1.2630**.

A 20% lighter version of the original color is **53.3908, 58.3358, 30.0448**, and **26.0237, 44.5663, 16.8159** is the 20% darker color. If you saturate the color by 10%, you get **38.8086, 66.4536, 25.0770**, and if you desaturate by 10%, it is **39.6096, 64.2683, 24.4037**.

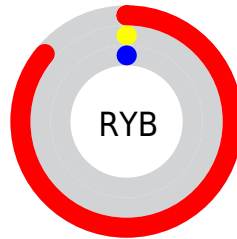
Distribution



Red (86%)

Green (0%)

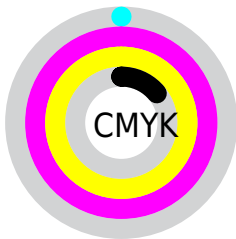
Blue (0%)



Red (86%)

Yellow (0%)

Blue (0%)

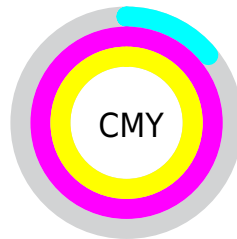


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8073, 66.4587, 25.0764 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 38.8073, 66.4587, 25.0764 by changing the saturation by 10% instead.

■ 38.8073, 66.4587,
25.0764

■ 38.8073, 66.4587,
25.0764

■ 149.5779, 84.5490,
60.4618

■ 29.7695, 64.1531,
20.6075

■ 59.1272, 71.0561,
34.1440

■ 21.5672, 62.0417,
15.0970

■ 70.3060, 73.2577,
38.3413

■ 14.2977, 60.5552,
10.0084

■ 82.1122, 75.3698,
42.3548

■ 7.9560, 62.7364,
5.5692

■ 94.5140, 77.3881,
46.2112

0.0000, INF, NaN

0.0000, INF, NaN

■ 107.4839, 79.3126,
49.9328


0.0000, NaN, NaN


■ 120.9983, 81.1455,


0.0000, NaN, NaN


53.5384


0.0000, NaN, NaN


 135.0359, 82.8898,
57.0437

 38.8073, 66.4587,
25.0764


 38.8073, 66.4587,
25.0764


 38.8086, 66.4536,
25.0770

 39.6096, 64.2683,
24.4037

 41.2671, 59.9638,
23.0831

 43.9492, 53.5466,
21.1278

 47.6201, 45.6759,
18.7558

 52.1771, 37.0657,
16.1992

■ 57.4935, 28.2618,
13.6317

■ 63.4471, 19.5937,
11.1551

■ 69.9317, 11.2204,
8.8152

■ 76.8607, 3.1939,
6.6234

Harmonies

Analogous

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



38.8086, 92.3196, 11.8966



38.8073, 66.4587, 25.0764



38.8086, 24.5480, 27.1660

Triad

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



38.8086, 66.4536, 25.0770



38.8086, -48.0487, 18.5576



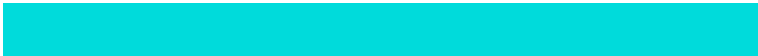
38.8086, 10.6954, -134.7582

Complementary

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



38.8073, 66.4587, 25.0764



74.6664, -39.5730, -7.8998

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.



38.8086, -23.0204, -124.6725



38.8073, 66.4587, 25.0764



38.8086, -49.4200, -11.1518

Square

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



38.8086, 66.4536, 25.0770



38.8086, -37.2963, 26.3739



38.8086, -42.1350, -68.5211



38.8086, 53.1950, -89.7424

Rectangle

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



38.8073, 66.4587, 25.0764



38.8086, -2.0754, 27.1660



38.8086, -42.1350, -68.5211



38.8086, -2.0703, -138.2553

Sweetspot

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



38.8086, 66.4536, 25.0770



75.1942, 23.5410, 13.3276



44.9159, 88.3062, -59.2414



33.3611, 12.9025, 6.7374

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.8086, 66.4536, 25.0770



46.1100, 78.9576, 29.7950



51.0922, 31.9427, 32.0420



36.1276, 1.2858, 3.0410



29.8844, 51.1705, 19.3105



7.6076, 13.0205, 4.9157

Inverse Universe

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



74.6664, -39.5730, -7.8998



88.7144, -47.0183, -9.3863



40.1978, 10.9521, -73.8862



38.5085, -5.0694, 1.0807



57.4961, -30.4729, -6.0829



14.6350, -7.7569, -1.5475

Previews

White Background



This preview shows how the HunterLab color 38.8073, 66.4587, 25.0764 looks on a white background.

Color Contrast Check

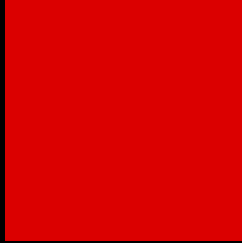
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8073, 66.4587, 25.0764 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 38.8073, 66.4587, 25.0764 Background



This preview shows how black text looks on a background with the HunterLab color 38.8073, 66.4587, 25.0764.



This preview shows how white text looks on a background with the HunterLab color 38.8073, 66.4587,

25.0764.

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

38.8073, 66.4587, 25.0764

Protanopia

39.6709, -5.5029, 22.7068

Tritanopia

39.0538, 63.5885, 25.1780

Trichromacy



Original Color

38.8073, 66.4587, 25.0764

Protanomaly

34.5269, 25.7107, 20.7427

Tritanomaly

38.9786, 64.8541, 25.1538

Monochromacy



Original Color

38.8073, 66.4587, 25.0764

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.4145, 25.0638, 10.1633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8073, 66.4587, 25.0764 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(219, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 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(219, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8073, 66.4587, 25.0764 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(219, 0, 0) }
```

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

```
.border{ border-color:rgb(219, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(219, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(219, 0, 0); box-shadow:4px  
4px 4px 4px rgb(219, 0, 0) }
```


Background

The CSS property to change the background color of an element to HunterLab 38.8073, 66.4587, 25.0764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 0) }
```

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

```
.background{ background-color: rgb(219, 0,  
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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