

Converting Colors

HunterLab(40.0243, 62.2068,
26.7086)

Have a look what the booklet for
HunterLab(40.0243, 62.2068,
26.7086) contains.

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Color

**HunterLab(40.0500, 62.2983,
25.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	DB1F00
RGB	219, 31, 0
RGB Percent	86%, 12%, 0%
CMY	0.1412, 0.8783, 1.0000
CMYK	0.00, 0.86, 1.00, 0.14
HSL	8°, 100%, 43%
HSV	8°, 100%, 86%
XYZ	29.7034, 16.0400, 1.5305
YIQ	83.6780, 121.9990, 30.2150

Conversions

Conversions Part 2

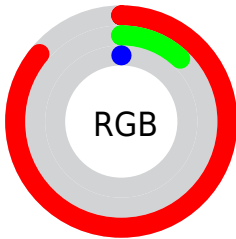
Format	Color
RYB	219, 36, 0
Decimal	14360320
CIELab	47.03, 67.63, 60.40
CIELCh	47, 90.678, 41.766
Yxy	16.0410, 0.6283, 0.3393
Android (android.graphics.Color)	4292550400 (0xFFDB1F00)
YUV	83.6780, -41.2533, 118.6774
Hunter-Lab	40.0500, 62.2983, 25.7693

Details

The HunterLab color **40.0500, 62.2983, 25.7693** 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 **64.0870, -26.4644, -22.9741**, and the grayscale version is **29.7760, -1.5888, 1.6178**.

A 20% lighter version of the original color is **55.0281, 53.9585, 30.8215**, and **26.2107, 44.8867, 16.9367** is the 20% darker color. If you saturate the color by 10%, you get **40.0512, 62.2935, 25.7699**, and if you desaturate by 10%, it is **41.6933, 57.5723, 25.6268**.

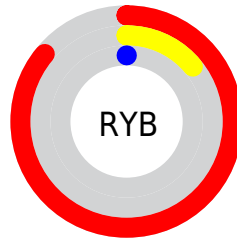
Distribution



Red (86%)

Green (12%)

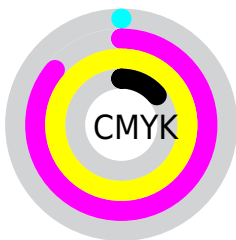
Blue (0%)



Red (86%)

Yellow (14%)

Blue (0%)

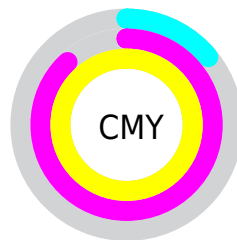


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (88%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.0500, 62.2983, 25.7693 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 40.0500, 62.2983, 25.7693 by changing the saturation by 10% instead.


 40.0500, 62.2983,
25.7693


 40.0500, 62.2983,
25.7693


 151.5202, 79.3700,
61.2204


 30.9083, 60.0320,
21.1742


 60.5553, 66.7149,
34.8371


 22.5915, 57.8752,
15.8140

 71.8184, 68.8041,
39.0389

 15.1929, 56.1432,
10.6351


 83.7043, 70.7979,
43.0593

 8.8209, 56.0921,
6.1746

 96.1820, 72.6951,
46.9243

0.0000, INF, NaN

0.0000, INF, NaN

 109.2246, 74.4974,
50.6560


0.0000, NaN, NaN

 122.8087, 76.2081,


0.0000, NaN, NaN


54.2728

0.0000, NaN, NaN


 136.9134, 77.8310,
57.7900


 40.0500, 62.2983,
25.7693


 40.0500, 62.2983,
25.7693


 40.0512, 62.2935,
25.7699

 41.6933, 57.5723,
25.6268

 44.1017, 51.4046,
24.8981

 47.2584, 44.3204,
23.4878

 51.0978, 36.8058,
21.5184

 55.5381, 29.2329,
19.1376

■ 60.4963, 21.8371,
16.4757

■ 65.8973, 14.7412,
13.6314

■ 71.6765, 7.9914,
10.6728

■ 77.7803, 1.5883,
7.6441

Harmonies

Analogous

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



40.0513, 88.6091, 13.2603



40.0500, 62.2983, 25.7693



40.0513, 21.4515, 28.0359

Triad

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



40.0513, 62.2934, 25.7699



40.0513, -48.4415, 17.6049



40.0513, 12.7013, -127.0447

Complementary

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



40.0500, 62.2983, 25.7693



64.0870, -26.4644, -22.9741

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.



40.0513, -21.2829, -120.8886



40.0500, 62.2983, 25.7693



40.0513, -49.3551, -13.3917

Square

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



40.0513, 62.2934, 25.7699



40.0513, -38.1313, 26.6440



40.0513, -41.3030, -69.3355



40.0513, 54.0052, -82.3771

Rectangle

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



40.0500, 62.2983, 25.7693



40.0513, -4.2146, 28.0359



40.0513, -41.3030, -69.3355



40.0513, -0.0206, -131.4743

Sweetspot

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



40.0513, 62.2934, 25.7699



78.1246, 17.7266, 16.2851



43.3231, 82.7528, -38.3679



34.8566, 9.8393, 8.2078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0513, 62.2934, 25.7699



47.4648, 74.4134, 30.5503



57.8259, 17.3472, 35.9357



36.5343, 0.5779, 3.4934



30.9945, 47.4680, 19.9297



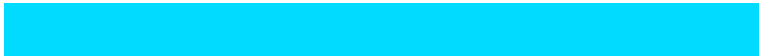
8.4833, 10.2520, 5.4069

Inverse Universe

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



64.0870, -26.4644, -22.9741



76.0394, -31.3064, -27.4611



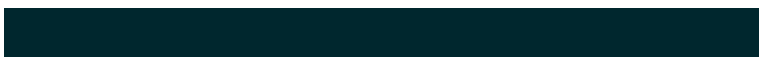
33.0088, 27.0091, -99.5630



38.0771, -4.3828, 0.5713



49.4735, -20.5400, -17.4976



12.9375, -5.6725, -3.9254

Previews

White Background



This preview shows how the HunterLab color 40.0500, 62.2983, 25.7693 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 40.0500, 62.2983, 25.7693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

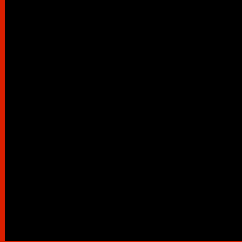
Any Text WCAG AA × Fail

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 40.0500, 62.2983, 25.7693 Background



This preview shows how black text looks on a background with the HunterLab color 40.0500, 62.2983, 25.7693.



This preview shows how white text looks on a background with the HunterLab color 40.0500, 62.2983,

25.7693.

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

40.0500, 62.2983, 25.7693

Protanopia

40.4987, -5.3969, 23.3426

Deuteranopia

40.3313, 2.0615, 24.8881



Tritanopia

40.0789, 62.8682, 24.3513

Trichromacy



Original Color

40.0500, 62.2983, 25.7693

Protanomaly

37.0143, 20.5423, 22.3182

Deuteranomaly

37.6005, 26.1705, 23.6274

Tritanomaly

40.0363, 62.7040, 24.9826

Monochromacy



Original Color

40.0500, 62.2983, 25.7693

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.0403, 19.9565, 12.2124

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0500, 62.2983, 25.7693 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, 31, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 31, 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, 31, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 31, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0500, 62.2983, 25.7693 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, 31, 0) }
```


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

```
.border{ border-color:rgb(219, 31, 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, 31, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 31, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 31, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 31, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.0500, 62.2983, 25.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 31, 0) }
```

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

```
.background{ background-color: rgb(219, 31,  
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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