

Converting Colors

HunterLab(42.0720, 63.6394,
27.0374)

Have a look what the booklet for
HunterLab(42.0720, 63.6394,
27.0374) contains.

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Color

**HunterLab(42.0917, 63.6193,
27.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	E32600
RGB	227, 38, 0
RGB Percent	89%, 15%, 0%
CMY	0.1098, 0.8509, 1.0000
CMYK	0.00, 0.83, 1.00, 0.11
HSL	10°, 100%, 45%
HSV	10°, 100%, 89%
XYZ	32.3716, 17.7171, 1.7135
YIQ	90.1790, 124.8420, 28.2500

Conversions

Conversions Part 2

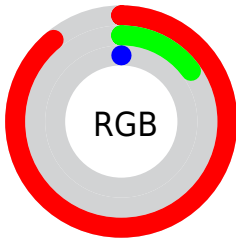
Format	Color
R_{YB}	227, 46, 0
Decimal	14886400
CIE _{Lab}	49.15, 68.35, 62.21
CIE _{LCh}	49, 92.421, 42.308
Yxy	17.7182, 0.6249, 0.3420
Android (android.graphics.Color)	4293076480 (0xFFE32600)
YUV	90.1790, -44.4582, 119.9920
Hunter-Lab	42.0917, 63.6193, 27.0505

Details

The HunterLab color **42.0917, 63.6193, 27.0505** 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 **64.7556, -24.9526, -27.0734**, and the grayscale version is **32.1714, -1.7166, 1.7479**.

A 20% lighter version of the original color is **56.0857, 51.2072, 31.3642**, and **27.5265, 47.1399, 17.7869** is the 20% darker color. If you saturate the color by 10%, you get **42.0930, 63.6144, 27.0512**, and if you desaturate by 10%, it is **43.9426, 58.3242, 27.0257**.

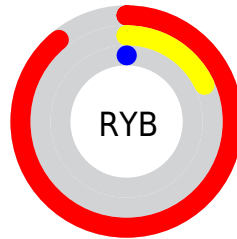
Distribution



Red (89%)

Green (15%)

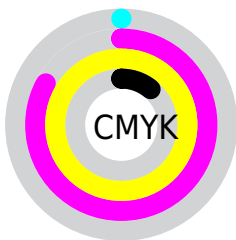
Blue (0%)



Red (89%)

Yellow (18%)

Blue (0%)

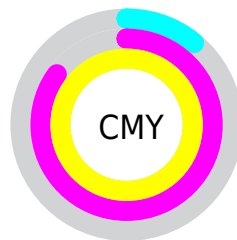


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (11%)



Cyan (11%)


Magenta (85%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.0917, 63.6193, 27.0505 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 42.0917, 63.6193, 27.0505 by changing the saturation by 10% instead.


 42.0917, 63.6193,
27.0505


 42.0917, 63.6193,
27.0505


 154.6861, 80.7066,
63.1433


 32.7840, 61.3382,
22.2793


 62.8940, 68.0411,
36.2557


 24.2849, 59.1392,
16.9994

 74.2923, 70.1302,
40.5298

 16.6820, 57.2841,
11.6774


 86.3063, 72.1241,
44.6235

 10.0969, 56.5751,
7.0678

 98.9062, 74.0218,
48.5618

0.0000, INF, NaN

0.0000, INF, NaN

 112.0657, 75.8255,
52.3663

0.0000, NaN, NaN


 125.7620, 77.5383,


0.0000, NaN, NaN


56.0551


0.0000, NaN, NaN

 139.9749, 79.1641,
59.6432

 42.0917, 63.6193,
27.0505


 42.0917, 63.6193,
27.0505


 42.0930, 63.6144,
27.0512

 43.9426, 58.3242,
27.0257

 46.5476, 51.7291,
26.3740

 49.8821, 44.3613,
24.9943

 53.8794, 36.6777,
23.0004

 58.4598, 29.0145,
20.5356

■ 63.5443, 21.5788,
17.7306

■ 69.0614, 14.4746,
14.6876

■ 74.9497, 7.7374,
11.4809

■ 81.1580, 1.3622,
8.1611

Harmonies

Analogous

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



42.0930, 91.1615, 14.2278



42.0917, 63.6193, 27.0505



42.0930, 21.3931, 29.4651

Triad

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



42.0930, 63.6142, 27.0512



42.0930, -50.5610, 18.0025



42.0930, 13.8608, -130.0277

Complementary

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



42.0917, 63.6193, 27.0505



64.7556, -24.9526, -27.0734

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.



42.0930, -21.6037, -124.7808



42.0917, 63.6193, 27.0505



42.0930, -51.3593, -14.6605

Square

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



42.0930, 63.6142, 27.0512



42.0930, -39.9708, 27.8339



42.0930, -42.7299, -72.4738



42.0930, 56.5010, -83.6116

Rectangle

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



42.0917, 63.6193, 27.0505



42.0930, -5.0503, 29.4651



42.0930, -42.7299, -72.4738



42.0930, 0.6291, -134.9159

Sweetspot

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



42.0930, 63.6142, 27.0512



78.6718, 16.6681, 16.8275



44.7349, 84.8387, -34.8831



35.1374, 9.2811, 8.4785

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.0930, 63.6142, 27.0512



47.9235, 72.9182, 30.8068



62.1058, 14.3233, 38.5200



38.4136, 0.4850, 3.7612



32.3226, 48.0123, 20.7576



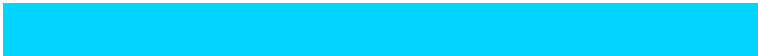
9.4299, 11.0954, 6.0049

Inverse Universe

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



64.7556, -24.9526, -27.0734



73.7922, -28.3471, -31.0405



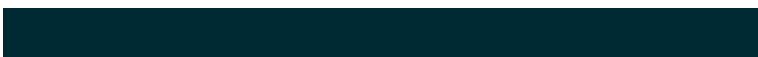
32.6636, 32.6065, -111.2146



39.8796, -4.4795, 0.4931



49.6027, -19.2552, -20.4326



13.8840, -5.7596, -4.9203

Previews

White Background



This preview shows how the HunterLab color 42.0917, 63.6193, 27.0505 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 42.0917, 63.6193, 27.0505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

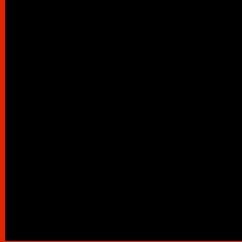
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.0917, 63.6193, 27.0505 Background



This preview shows how black text looks on a background with the HunterLab color 42.0917, 63.6193, 27.0505.



This preview shows how white text looks on a background with the HunterLab color 42.0917, 63.6193,

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

42.0917, 63.6193, 27.0505

Protanopia

42.3630, -5.8594, 24.4637

Deuteranopia

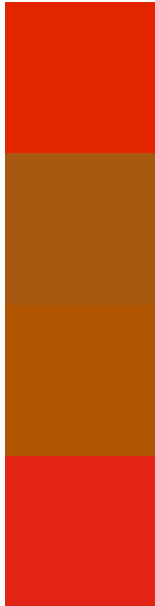
42.2898, 1.9979, 26.0937



Tritanopia

42.0810, 64.6336, 24.9294

Trichromacy



Original Color

42.0917, 63.6193, 27.0505

Protanomaly

39.2478, 20.5390, 23.6794

Deuteranomaly

39.8047, 26.2181, 24.9864

Tritanomaly

42.0856, 64.1305, 25.9863

Monochromacy



Original Color

42.0917, 63.6193, 27.0505

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.2139, 20.1314, 13.0780

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0917, 63.6193, 27.0505 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(227, 38, 0)` looks like.

```
.text, #text, p{  
  color:rgb(227, 38, 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(227, 38, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 38, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0917, 63.6193, 27.0505 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(227, 38, 0) }
```


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

```
.border{ border-color:rgb(227, 38, 0) }
```

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

Here you see how a box with a 4 pixel rgb(227, 38, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 38, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 38, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 38, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.0917, 63.6193, 27.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 38, 0) }
```

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

```
.background{ background-color: rgb(227, 38,  
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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