

Converting Colors

HunterLab(42.1209, 71.2330,
27.2018)

Have a look what the booklet for
HunterLab(42.1209, 71.2330,
27.2018) contains.

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Color

**HunterLab(42.2068, 71.3551,
27.2568)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0700
RGB	235, 7, 0
RGB Percent	92%, 3%, 0%
CMY	0.0784, 0.9723, 1.0000
CMYK	0.00, 0.97, 1.00, 0.08
HSL	2°, 100%, 46%
HSV	2°, 100%, 92%
XYZ	34.3369, 17.8141, 1.6287
YIQ	74.3740, 138.1350, 46.1590

Conversions

Conversions Part 2

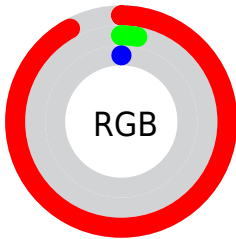
Format	Color
RYB	235, 7, 0
Decimal	15402752
CIELab	49.27, 74.76, 63.26
CIELCh	49, 97.933, 40.233
Yxy	17.8153, 0.6385, 0.3313
Android (android.graphics.Color)	4293592832 (0xFFEB0700)
YUV	74.3740, -36.6664, 140.8690
Hunter-Lab	42.2068, 71.3551, 27.2568

Details

The HunterLab color **42.2068, 71.3551, 27.2568** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **78.3916, -39.9050, -11.8391**, and the grayscale version is **26.4059, -1.4090, 1.4347**.

A 20% lighter version of the original color is **54.3608, 55.7723, 30.3926**, and **28.8528, 49.4113, 18.6440** is the 20% darker color. If you saturate the color by 10%, you get **42.2081, 71.3497, 27.2575**, and if you desaturate by 10%, it is **43.1823, 68.6165, 26.6605**.

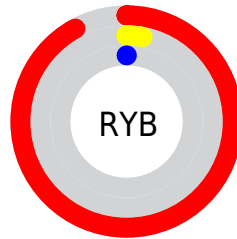
Distribution



Red (92%)

Green (3%)

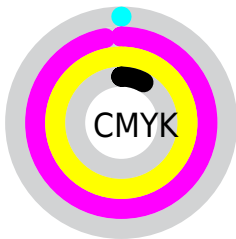
Blue (0%)



Red (92%)

Yellow (3%)

Blue (0%)

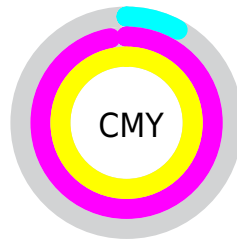


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (8%)



Cyan (8%)


Magenta (97%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.2068, 71.3551, 27.2568 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 42.2068, 71.3551, 27.2568 by changing the saturation by 10% instead.


 42.2068, 71.3551,
27.2568


 42.2068, 71.3551,
27.2568

 154.8638, 89.9828,
63.8713


 32.8899, 68.9885,
22.4616


 63.0257, 76.0588,
36.5930


 24.3808, 66.7856,
17.0665

 74.4314, 78.3159,
40.9301

 16.7666, 65.0918,
11.7366


 86.4526, 80.4861,
45.0842

 10.1684, 64.9393,
7.1179

 99.0592, 82.5648,
49.0805

0.0000, INF, NaN

0.0000, INF, NaN

 112.2252, 84.5516,
52.9406

0.0000, NaN, NaN


 125.9278, 86.4483,


0.0000, NaN, NaN


56.6826


0.0000, NaN, NaN


 140.1467, 88.2577,
60.3219


 42.2068, 71.3551,
27.2568

 42.2068, 71.3551,
27.2568


 42.2081, 71.3497,
27.2575

 43.1823, 68.6165,
26.6605

 45.1459, 63.4555,
25.3975

 48.1694, 56.2531,
23.4319

 52.2014, 47.7198,
20.9736

 57.1317, 38.5604,
18.2532

■ 62.8320, 29.2919,
15.4503

■ 69.1798, 20.2183,
12.6774

■ 76.0696, 11.4819,
9.9920

■ 83.4151, 3.1248,
7.4161

Harmonies

Analogous

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



42.2082, 99.4247, 13.0825



42.2068, 71.3551, 27.2568



42.2082, 26.1296, 29.5457

Triad

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



42.2082, 71.3496, 27.2575



42.2082, -52.0928, 19.9695



42.2082, 11.8698, -144.7741

Complementary

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



42.2068, 71.3551, 27.2568



78.3916, -39.9050, -11.8391

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.



42.2082, -24.6840, -134.4405



42.2068, 71.3551, 27.2568



42.2082, -53.5150, -12.3954

Square

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



42.2082, 71.3496, 27.2575



42.2082, -40.5098, 28.5453



42.2082, -45.5164, -74.3159



42.2082, 57.7207, -96.0789

Rectangle

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



42.2068, 71.3551, 27.2568



42.2082, -2.5587, 29.5457



42.2082, -45.5164, -74.3159



42.2082, -1.9492, -148.7010

Sweetspot

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



42.2082, 71.3496, 27.2575



75.8024, 22.3132, 13.9491



48.4110, 94.8322, -61.1746



33.6703, 12.2563, 7.0455

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.2082, 71.3496, 27.2575



46.2885, 78.3474, 29.8944



56.0699, 32.8760, 35.1255



38.8928, 1.2477, 3.3788



31.5402, 53.0517, 20.3637



8.9822, 14.3832, 5.7866

Inverse Universe

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



78.3916, -39.9050, -11.8391



85.9943, -43.7668, -13.0055



42.3545, 14.2382, -83.6756



41.2792, -5.3143, 1.0373



58.5124, -29.8068, -8.7910



16.4709, -8.4422, -2.3630

Previews

White Background



This preview shows how the HunterLab color 42.2068, 71.3551, 27.2568 looks on a white background.

Color Contrast Check

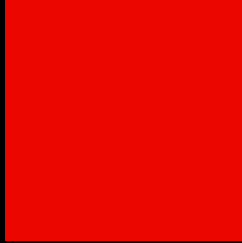
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.2068, 71.3551, 27.2568 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 42.2068, 71.3551, 27.2568 Background



This preview shows how black text looks on a background with the HunterLab color 42.2068, 71.3551, 27.2568.



This preview shows how white text looks on a background with the HunterLab color 42.2068, 71.3551,

27.2568.

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

42.2068, 71.3551, 27.2568

Protanopia

42.7480, -5.8943, 24.5343

Deuteranopia

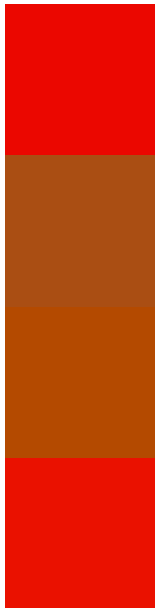
42.6612, 1.9105, 26.3211



Tritanopia

42.3054, 68.9633, 27.2757

Trichromacy



Original Color

42.2068, 71.3551, 27.2568

Protanomaly

37.4724, 26.9280, 22.5870

Deuteranomaly

38.2111, 32.4972, 24.1144

Tritanomaly

42.3005, 70.0052, 27.2909

Monochromacy



Original Color

42.2068, 71.3551, 27.2568

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.3368, 26.1193, 11.4692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2068, 71.3551, 27.2568 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(235, 7, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 7, 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(235, 7, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 7, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2068, 71.3551, 27.2568 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(235, 7, 0) }
```


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

```
.border{ border-color:rgb(235, 7, 0) }
```

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

Here you see how a box with a 4 pixel rgb(235, 7, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 7, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(235, 7, 0); box-shadow:4px  
4px 4px 4px rgb(235, 7, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2068, 71.3551, 27.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 7, 0) }
```

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

```
.background{ background-color: rgb(235, 7,  
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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