

Converting Colors

HunterLab(42.0368, 72.0166,
26.9955)

Have a look what the booklet for
HunterLab(42.0368, 72.0166,
26.9955) contains.

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Color

**HunterLab(42.0368, 72.0102,
27.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0004
RGB	235, 0, 4
RGB Percent	92%, 0%, 2%
CMY	0.0784, 0.9998, 0.9843
CMYK	0.00, 1.00, 0.98, 0.08
HSL	359°, 100%, 46%
HSV	359°, 100%, 92%
XYZ	34.2829, 17.6709, 1.7188
YIQ	70.7210, 138.7760, 51.0640

Conversions

Conversions Part 2

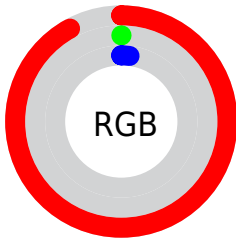
Format	Color
R_{YB}	235, 0, 4
Decimal	15400964
CIE Lab	49.10, 75.33, 62.06
CIE LCh	49, 97.605, 39.482
Yxy	17.6721, 0.6387, 0.3292
Android (android.graphics.Color)	4293591044 (0xFFEB0004)
YUV	70.7210, -32.8935, 144.0727
Hunter-Lab	42.0368, 72.0102, 27.0015

Details

The HunterLab color **42.0368, 72.0102, 27.0015** 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 **80.7399, -43.7086, -6.5609**, and the grayscale version is **25.0928, -1.3389, 1.3633**.

A 20% lighter version of the original color is **54.0648, 56.7862, 29.7711**, and **28.8528, 49.4113, 18.6440** is the 20% darker color. If you saturate the color by 10%, you get **42.0365, 72.0093, 27.0036**, and if you desaturate by 10%, it is **42.8683, 69.7906, 26.1939**.

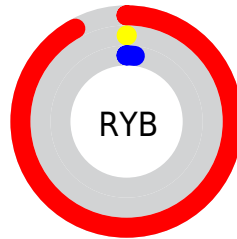
Distribution



Red (92%)

Green (0%)

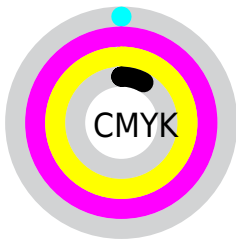
Blue (2%)



Red (92%)

Yellow (0%)

Blue (2%)

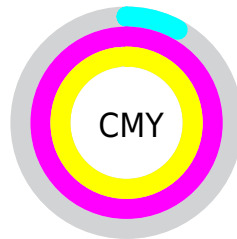


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (8%)



Cyan (8%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.0368, 72.0102, 27.0015 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 42.0368, 72.0102, 27.0015 by changing the saturation by 10% instead.


 42.0368, 72.0102,
27.0015


 42.0368, 72.0102,
27.0015


 154.6015, 90.7817,
63.0256

 32.7335, 69.6391,
22.2365


 62.8313, 76.7382,
36.1899


 24.2392, 67.4436,
16.9675

 74.2260, 79.0110,
40.4559

 16.6417, 65.7839,
11.6492


 86.2366, 81.1977,
44.5416

 10.0628, 65.7378,
7.0439

 98.8332, 83.2937,
48.4722

0.0000, INF, NaN

0.0000, INF, NaN

 111.9896, 85.2980,
52.2693


0.0000, NaN, NaN


 125.6830, 87.2122,


0.0000, NaN, NaN


55.9509


0.0000, NaN, NaN


 139.8930, 89.0391,
59.5321


 42.0368, 72.0102,
27.0015


 42.0368, 72.0102,
27.0015


 42.0365, 72.0093,
27.0036

 42.8683, 69.7906,
26.1939

 44.6451, 65.2457,
24.6128

 47.5372, 58.3684,
22.3831

 51.5075, 49.8669,
19.7552

 56.4445, 40.5223,
16.9820

■ 62.2102, 30.9373,
14.2465

■ 68.6709, 21.4789,
11.6502

■ 75.7105, 12.3260,
9.2345

■ 83.2343, 3.5394,
7.0044

Harmonies

Analogous

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



42.0382, 99.2365, 12.3614



42.0368, 72.0102, 27.0015



42.0382, 27.1517, 29.4267

Triad

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



42.0382, 72.0047, 27.0022



42.0382, -51.7093, 20.3087



42.0382, 10.7328, -144.5772

Complementary

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



42.0368, 72.0102, 27.0015



80.7399, -43.7086, -6.5609

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.



42.0382, -25.2811, -132.6962



42.0368, 72.0102, 27.0015



42.0382, -53.3503, -11.1273

Square

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



42.0382, 72.0047, 27.0022



42.0382, -39.8749, 28.5082



42.0382, -45.6484, -72.2137



42.0382, 56.3196, -97.2451

Rectangle

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



42.0368, 72.0102, 27.0015



42.0382, -1.5709, 29.4267



42.0382, -45.6484, -72.2137



42.0382, -2.9154, -147.9274

Sweetspot

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



42.0382, 72.0047, 27.0022



75.2241, 23.7272, 12.8255



47.2838, 93.6529, -67.7781



33.3763, 12.9960, 6.4818

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.0382, 72.0047, 27.0022



46.1187, 79.0001, 29.6432



53.6180, 38.6815, 33.7145



38.8048, 1.4391, 3.1996



31.3631, 53.7316, 20.1015



8.7968, 15.0873, 5.5108

Inverse Universe

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



42.0382, 72.0047, 27.0022



46.1187, 79.0001, 29.6432



45.5600, 7.9345, -74.0698



38.8048, 1.4391, 3.1996



31.3631, 53.7316, 20.1015



8.7968, 15.0873, 5.5108

Previews

White Background



This preview shows how the HunterLab color 42.0368, 72.0102, 27.0015 looks on a white background.

Color Contrast Check

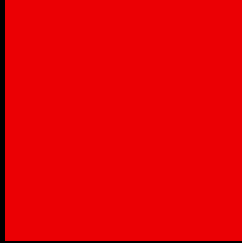
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0368, 72.0102, 27.0015 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 42.0368, 72.0102, 27.0015 Background



This preview shows how black text looks on a background with the HunterLab color 42.0368, 72.0102, 27.0015.



This preview shows how white text looks on a background with the HunterLab color 42.0368, 72.0102,

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

42.0368, 72.0102, 27.0015

Protanopia

42.7541, -5.8605, 24.4446

Deuteranopia

42.6612, 1.9105, 26.3211



Tritanopia

42.3054, 68.9633, 27.2757

Trichromacy



Original Color

42.0368, 72.0102, 27.0015

Protanomaly

37.1067, 27.8923, 22.2197

Deuteranomaly

37.8685, 33.4021, 23.8742

Tritanomaly

42.2003, 70.3618, 27.1951

Monochromacy



Original Color

42.0368, 72.0102, 27.0015

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.2817, 27.4367, 10.6081

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0368, 72.0102, 27.0015 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, 0, 4)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 4)  
}
```

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, 0, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 42.0368, 72.0102, 27.0015 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, 0, 4) }
```


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

```
.border{ border-color:rgb(235, 0, 4) }
```

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

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

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

Background

The CSS property to change the background color of an element to HunterLab 42.0368, 72.0102, 27.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 4) }
```

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

```
.background{ background-color: rgb(235, 0,  
4) }
```

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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