

Converting Colors

HunterLab(42.8576, 70.7437,
26.8050)

Have a look what the booklet for
HunterLab(42.8576, 70.7437,
26.8050) contains.

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Color

**HunterLab(42.8318, 70.6659,
26.7771)**

Conversions

Conversions Part 1

Format	Color
Hex	EC1313
RGB	236, 19, 19
RGB Percent	93%, 7%, 7%
CMY	0.0745, 0.9253, 0.9255
CMYK	0.00, 0.92, 0.92, 0.07
HSL	0°, 85%, 50%
HSV	0°, 92%, 93%
XYZ	34.9425, 18.3456, 2.3154
YIQ	83.8830, 129.3320, 46.0040

Conversions

Conversions Part 2

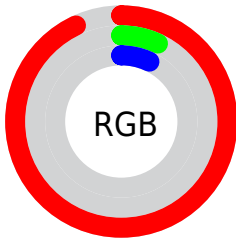
Format	Color
R_{YB}	236, 19, 19
Decimal	15471379
CIE _{Lab}	49.91, 74.07, 58.23
CIE _{LCh}	50, 94.224, 38.172
Yxy	18.3468, 0.6284, 0.3299
Android (android.graphics.Color)	4293661459 (0xFFEC1313)
YUV	83.8830, -31.9873, 133.4066
Hunter-Lab	42.8318, 70.6659, 26.7771

Details

The HunterLab color **42.8318, 70.6659, 26.7771** 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 **81.3404, -42.7320, -8.4703**, and the grayscale version is **29.8198, -1.5911, 1.6202**.

A 20% lighter version of the original color is **54.9901, 54.9968, 28.7769**, and **29.2336, 50.0635, 18.8901** is the 20% darker color. If you saturate the color by 10%, you get **42.2299, 72.3144, 27.2878**, and if you desaturate by 10%, it is **44.3909, 66.5573, 25.5172**.

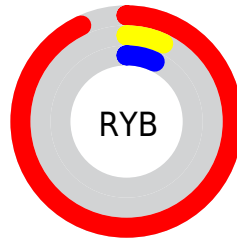
Distribution



Red (93%)

Green (7%)

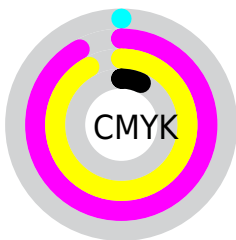
Blue (7%)



Red (93%)

Yellow (7%)

Blue (7%)

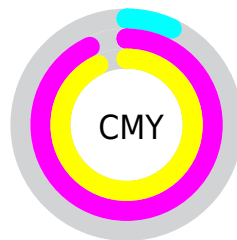


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (7%)



Cyan (7%)


Magenta (93%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.8318, 70.6659, 26.7771 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 42.8318, 70.6659, 26.7771 by changing the saturation by 10% instead.


 42.8318, 70.6659,
26.7771


 42.8318, 70.6659,
26.7771


155.8264, 89.0872,
60.7182


 33.4653, 68.3031,
22.1147


 63.7396, 75.3353,
35.4208


 24.9019, 66.0815,
17.4313

 75.1859, 77.5696,
39.4317

 17.2270, 64.3158,
12.0589


 87.2456, 79.7155,
43.2755

 10.5588, 63.9360,
7.3912

 99.8889, 81.7692,
46.9767

0.0000, INF, NaN

0.0000, INF, NaN

 113.0901, 83.7309,
50.5560

0.0000, NaN, NaN


 126.8264, 85.6024,


0.0000, NaN, NaN


54.0303


0.0000, NaN, NaN

 141.0778, 87.3867,
57.4138


 42.8318, 70.6659,
26.7771


 42.8318, 70.6659,
26.7771


 42.2299, 72.3144,
27.2878

 44.3909, 66.5573,
25.5172

 47.0657, 60.0185,
23.5205

 50.8434, 51.7019,
21.0068

 55.6225, 42.4098,
18.2378

 61.2659, 32.7950,
15.4224

67.6362, 23.2701,
12.6891

74.6120, 14.0440,
10.0992

82.0935, 5.1936,
7.6715

90.0005, -3.2775,
5.4013

Harmonies

Analogous

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



42.8332, 95.3446, 11.0014



42.8318, 70.6659, 26.7771



42.8332, 28.0466, 29.9832

Triad

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



42.8332, 70.6604, 26.7778



42.8332, -50.8631, 20.8312



42.8332, 8.4820, -136.9063

Complementary

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



42.8318, 70.6659, 26.7771



81.3404, -42.7320, -8.4703

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.



42.8332, -25.9922, -123.2651



42.8318, 70.6659, 26.7771



42.8332, -52.9323, -8.6428

Square

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



42.8332, 70.6604, 26.7778



42.8332, -38.4393, 28.8235



42.8332, -45.5966, -65.6771



42.8332, 52.1812, -94.6407

Rectangle

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



42.8318, 70.6659, 26.7771



42.8332, 0.0428, 29.9832



42.8332, -45.5966, -65.6771



42.8332, -4.5696, -139.1152

Sweetspot

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



42.8332, 70.6604, 26.7778



76.6970, 21.5027, 12.7510



49.3503, 94.3597, -63.2780



33.9972, 11.9933, 6.4776

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.8332, 70.6604, 26.7778



46.1096, 78.9586, 29.7949



57.6089, 30.4465, 35.3973



38.8001, 1.4098, 3.2753



31.3536, 53.6883, 20.2599



8.7868, 15.0416, 5.6777

Inverse Universe

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



81.3404, -42.7320, -8.4703



88.7191, -47.0239, -9.3802



46.3710, 7.6287, -72.7579



41.3780, -5.4709, 1.1535



60.3267, -31.9752, -6.3780



16.9053, -8.9607, -1.7867

Previews

White Background



This preview shows how the HunterLab color 42.8318, 70.6659, 26.7771 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 42.8318, 70.6659, 26.7771 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 42.8318, 70.6659, 26.7771 Background



This preview shows how black text looks on a background with the HunterLab color 42.8318, 70.6659, 26.7771.



This preview shows how white text looks on a background with the HunterLab color 42.8318, 70.6659,

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

42.8318, 70.6659, 26.7771

Protanopia

43.1830, -5.6544, 23.8748

Deuteranopia

43.1439, 2.1963, 26.6235



Tritanopia

42.8593, 70.1818, 27.6384

Trichromacy



Original Color

42.8318, 70.6659, 26.7771

Protanomaly

38.6636, 25.3595, 22.1728

Deuteranomaly

39.4365, 31.1330, 24.5434

Tritanomaly

42.8352, 70.3906, 27.3489

Monochromacy



Original Color

42.8318, 70.6659, 26.7771

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.0781, 24.9808, 10.5445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8318, 70.6659, 26.7771 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(236, 19, 19)` looks like.

```
.text, #text, p{  
    color:rgb(236, 19, 19)  
}
```

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(236, 19, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 19, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8318, 70.6659, 26.7771 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(236, 19, 19) }
```


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

```
.border{ border-color:rgb(236, 19, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 19, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 19, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 19, 19);  
box-shadow:4px 4px 4px 4px rgb(236, 19,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8318, 70.6659, 26.7771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 19, 19) }
```

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

```
.background{ background-color: rgb(236, 19,  
19) }
```

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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