

Converting Colors

HunterLab(37.8509, 82.8472,
25.9062)

Have a look what the booklet for
HunterLab(37.8509, 82.8472,
25.9062) contains.

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Color

**HunterLab(41.2176, 70.5864,
26.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	E70000
RGB	231, 0, 0
RGB Percent	91%, 0%, 0%
CMY	0.0941, 0.9998, 1.0000
CMYK	0.00, 1.00, 1.00, 0.09
HSL	0°, 100%, 45%
HSV	0°, 100%, 91%
XYZ	32.9550, 16.9889, 1.5423
YIQ	69.0690, 137.6760, 48.9720

Conversions

Conversions Part 2

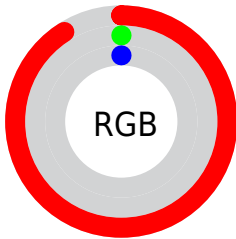
Format	Color
RYB	231, 0, 0
Decimal	15138816
CIELab	48.25, 74.33, 62.38
CIELCh	48, 97.039, 40.002
Yxy	16.9900, 0.6401, 0.3300
Android (android.graphics.Color)	4293328896 (0xFFE70000)
YUV	69.0690, -34.0510, 142.0135
Hunter-Lab	41.2176, 70.5864, 26.6338

Details

The HunterLab color **41.2176, 70.5864, 26.6338** 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 **79.3030, -42.0298, -8.3915**, and the grayscale version is **24.5126, -1.3079, 1.3318**.

A 20% lighter version of the original color is **53.8774, 57.1055, 30.0815**, and **28.0936, 48.1112, 18.1534** is the 20% darker color. If you saturate the color by 10%, you get **41.2189, 70.5811, 26.6345**, and if you desaturate by 10%, it is **42.0355, 68.3518, 25.9478**.

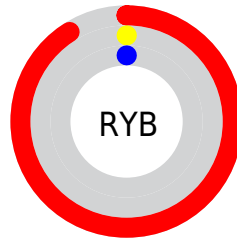
Distribution



Red (91%)

Green (0%)

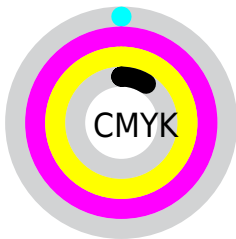
Blue (0%)



Red (91%)

Yellow (0%)

Blue (0%)

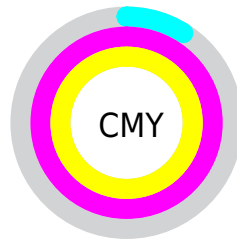


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (9%)



Cyan (9%)


Magenta (100%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 41.2176, 70.5864, 26.6338 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 41.2176, 70.5864, 26.6338 by changing the saturation by 10% instead.


 41.2176, 70.5864,
26.6338


 41.2176, 70.5864,
26.6338


 153.3345, 89.1859,
62.9400


 31.9803, 68.2316,
21.9240


 61.8939, 75.2815,
35.9043


 23.5584, 66.0568,
16.4909

 73.2348, 77.5362,
40.2067

 16.0419, 64.4375,
11.2293


 85.1944, 79.7042,
44.3256

 9.5568, 64.5241,
6.6898

 97.7423, 81.7805,
48.2867

0.0000, INF, NaN

0.0000, INF, NaN

 110.8522, 83.7647,
52.1118

0.0000, NaN, NaN


 124.5008, 85.6584,


0.0000, NaN, NaN


55.8192


0.0000, NaN, NaN


 138.6677, 87.4644,
59.4243


 41.2176, 70.5864,
26.6338


 41.2176, 70.5864,
26.6338


 41.2189, 70.5811,
26.6345

 42.0355, 68.3518,
25.9478

 43.7731, 63.8316,
24.5610

 46.6052, 57.0403,
22.4913

 50.4958, 48.6783,
19.9706

 55.3359, 39.5128,
17.2483

■ 60.9898, 30.1329,
14.5121

■ 67.3261, 20.8949,
11.8720

■ 74.2310, 11.9710,
9.3778

■ 81.6113, 3.4178,
7.0417

Harmonies

Analogous

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



41.2189, 98.0531, 12.6353



41.2176, 70.5864, 26.6338



41.2189, 26.0729, 28.8533

Triad

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



41.2189, 70.5810, 26.6345



41.2189, -51.0328, 19.7102



41.2189, 11.3594, -143.1273

Complementary

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



41.2176, 70.5864, 26.6338



79.3030, -42.0298, -8.3915

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.



41.2189, -24.4503, -132.4148



41.2176, 70.5864, 26.6338



41.2189, -52.4894, -11.8440

Square

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



41.2189, 70.5810, 26.6345



41.2189, -39.6125, 27.9632



41.2189, -44.7520, -72.7760



41.2189, 56.4983, -95.3162

Rectangle

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



41.2176, 70.5864, 26.6338



41.2189, -2.2040, 28.8533



41.2189, -44.7520, -72.7760



41.2189, -2.1991, -146.8414

Sweetspot

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



41.2189, 70.5810, 26.6345



75.1944, 23.5406, 13.3278



47.7056, 93.7907, -62.9208



33.3612, 12.9023, 6.7375

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.2189, 70.5810, 26.6345



46.1100, 78.9574, 29.7951



54.1892, 34.1054, 33.9881



37.9059, 1.3680, 3.1970



30.8629, 52.8459, 19.9427



8.3909, 14.3615, 5.4219

Inverse Universe

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



79.3030, -42.0298, -8.3915



88.7136, -47.0172, -9.3875



42.5974, 11.8255, -78.7708



40.4176, -5.3363, 1.1290



59.3780, -31.4699, -6.2828



16.1419, -8.5555, -1.7071

Previews

White Background



This preview shows how the HunterLab color 41.2176, 70.5864, 26.6338 looks on a white background.

Color Contrast Check

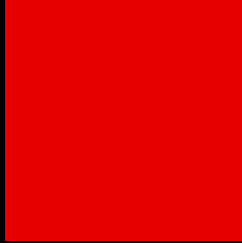
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.2176, 70.5864, 26.6338 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 41.2176, 70.5864, 26.6338 Background



This preview shows how black text looks on a background with the HunterLab color 41.2176, 70.5864, 26.6338.



This preview shows how white text looks on a background with the HunterLab color 41.2176, 70.5864,

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

41.2176, 70.5864, 26.6338

Protanopia

42.0019, -5.6947, 24.0478

Deuteranopia

41.9189, 2.0852, 25.8667



Tritanopia

41.4661, 67.6878, 26.7362

Trichromacy



Original Color

41.2176, 70.5864, 26.6338

Protanomaly

36.2768, 27.5580, 21.8291

Deuteranomaly

37.3784, 33.0264, 23.6106

Tritanomaly

41.3653, 69.0509, 26.6979

Monochromacy



Original Color

41.2176, 70.5864, 26.6338

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.6367, 26.5546, 10.7512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2176, 70.5864, 26.6338 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(231, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(231, 0, 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(231, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2176, 70.5864, 26.6338 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(231, 0, 0) }
```


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

```
.border{ border-color:rgb(231, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(231, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(231, 0, 0); box-shadow:4px  
4px 4px 4px rgb(231, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.2176, 70.5864, 26.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 0, 0) }
```

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

```
.background{ background-color: rgb(231, 0,  
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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