

Converting Colors

HunterLab(47.9194, 52.2643,
30.4439)

Have a look what the booklet for
HunterLab(47.9194, 52.2643,
30.4439) contains.

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Color

**HunterLab(47.8702, 51.9574,
30.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	E94F00
RGB	233, 79, 0
RGB Percent	91%, 31%, 0%
CMY	0.0863, 0.6902, 1.0000
CMYK	0.00, 0.66, 1.00, 0.09
HSL	20°, 100%, 46%
HSV	20°, 100%, 91%
XYZ	36.4002, 22.9156, 2.5046
YIQ	116.0400, 117.1430, 8.0790

Conversions

Conversions Part 2

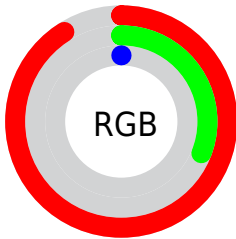
Format	Color
R_{YB}	233, 120, 0
Decimal	15290112
CIE _{Lab}	54.99, 57.12, 65.51
CIE _{LCh}	55, 86.916, 48.911
Yxy	22.9169, 0.5888, 0.3707
Android (android.graphics.Color)	4293480192 (0xFFE94F00)
YUV	116.0400, -57.2077, 102.5739
Hunter-Lab	47.8702, 51.9574, 30.4070

Details

The HunterLab color **47.8702, 51.9574, 30.4070** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **53.8442, -7.1647, -51.8338**, and the grayscale version is **41.9900, -2.2405, 2.2814**.

A 20% lighter version of the original color is **62.4074, 36.0905, 34.6193**, and **29.1894, 48.2675, 18.8314** is the 20% darker color. If you saturate the color by 10%, you get **47.8712, 51.9538, 30.4076**, and if you desaturate by 10%, it is **50.4628, 45.4015, 30.9185**.

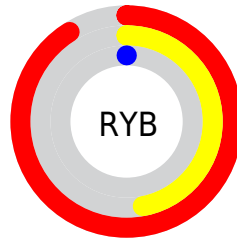
Distribution



Red (91%)

Green (31%)

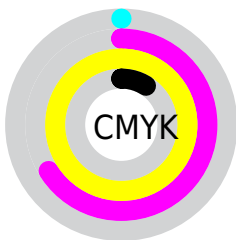
Blue (0%)



Red (91%)

Yellow (47%)

Blue (0%)

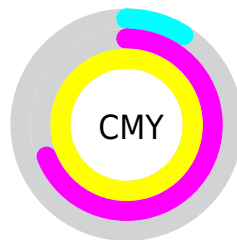


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8702, 51.9574, 30.4070 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 47.8702, 51.9574, 30.4070 by changing the saturation by 10% instead.

47.8702, 51.9574,
30.4070

47.8702, 51.9574,
30.4070

163.4925, 65.5648,
67.3797

38.1211, 49.9529,
25.3739

69.4672, 55.6547,
39.7674

29.1406, 47.8840,
20.3984

81.2286, 57.3490,
44.1334

21.0028, 45.8241,
14.7019

93.5878, 58.9423,
48.3256

13.8062, 44.0029,
9.6644

106.5171, 60.4394,
52.3670

7.4300, 45.7178,
5.2010

119.9924, 61.8452,
56.2775


0.0000, INF, NaN

0.0000, NaN, NaN


133.9924, 63.1650,


60.0740

0.0000, NaN, NaN


 148.4981, 64.4034,
63.7707


0.0000, NaN, NaN


 47.8702, 51.9574,
30.4070


 47.8702, 51.9574,
30.4070


 47.8712, 51.9538,
30.4076

 50.4628, 45.4015,
30.9185

 53.5127, 38.6594,
30.7176

 56.9950, 32.0043,
29.6693

 60.8698, 25.6031,
27.8227

 65.0961, 19.5538,
25.2648

■ 69.6349, 13.9017,
22.0917

■ 74.4507, 8.6566,
18.3948

■ 79.5125, 3.8060,
14.2545

■ 84.7931, -0.6750,
9.7387

Harmonies

Analogous

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



47.8716, 82.0920, 19.4103



47.8702, 51.9574, 30.4070



47.8716, 11.4952, 32.6866

Triad

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



47.8716, 51.9527, 30.4076



47.8716, -53.3036, 13.6180



47.8716, 22.0040, -110.8971

Complementary

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



47.8702, 51.9574, 30.4070



53.8442, -7.1647, -51.8338

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.



47.8716, -15.1545, -117.4928



47.8702, 51.9574, 30.4070



47.8716, -52.0146, -24.0218

Square

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



47.8716, 51.9527, 30.4076



47.8716, -44.3510, 28.8235



47.8716, -40.0817, -78.3170



47.8716, 61.5741, -64.0050

Rectangle

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



47.8702, 51.9574, 30.4070



47.8716, -12.8135, 32.7363



47.8716, -40.0817, -78.3170



47.8716, 8.6433, -118.7473

Sweetspot

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



47.8716, 51.9527, 30.4076



82.3953, 9.6733, 20.4429



44.3862, 81.3691, -12.8445



37.0586, 5.5904, 10.2891

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8716, 51.9527, 30.4076



52.9061, 57.9082, 33.6143



74.8206, -4.6538, 46.0225



39.8608, -0.4227, 4.4466



36.3446, 38.3438, 23.0667



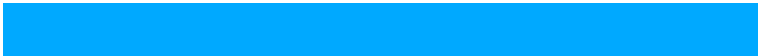
10.9984, 8.6057, 6.9278

Inverse Universe

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



53.8442, -7.1647, -51.8338



59.5165, -7.7274, -57.7092



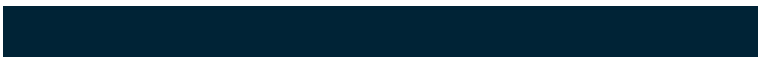
27.0619, 54.4047, -151.2687



40.2637, -3.6848, -0.1729



40.8522, -5.8584, -38.4151



12.1958, -2.7847, -9.2324

Previews

White Background



This preview shows how the HunterLab color 47.8702, 51.9574, 30.4070 looks on a white 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

Black Background



This preview shows how the HunterLab color 47.8702, 51.9574, 30.4070 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 47.8702, 51.9574, 30.4070 Background



This preview shows how black text looks on a background with the HunterLab color 47.8702, 51.9574, 30.4070.



This preview shows how white text looks on a background with the HunterLab color 47.8702, 51.9574,

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

47.8702, 51.9574, 30.4070

Protanopia

48.1981, -6.7708, 28.5179

Deuteranopia

47.8359, 3.1193, 29.5309



Tritanopia

47.8809, 56.8287, 21.8047

Trichromacy



Original Color

47.8702, 51.9574, 30.4070

Protanomaly

46.4199, 14.1824, 28.2748

Deuteranomaly

46.6921, 20.9282, 29.1378

Tritanomaly

47.8362, 54.6144, 26.8311

Monochromacy



Original Color

47.8702, 51.9574, 30.4070

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.9116, 13.4709, 16.8967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8702, 51.9574, 30.4070 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(233, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(233, 79, 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(233, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 79, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8702, 51.9574, 30.4070 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(233, 79, 0) }
```


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

```
.border{ border-color:rgb(233, 79, 0) }
```

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

Here you see how a box with a 4 pixel rgb(233, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(233, 79, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.8702, 51.9574, 30.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 79, 0) }
```

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

```
.background{ background-color: rgb(233, 79,  
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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