

Converting Colors

HunterLab(51.7823, 46.2751,
32.5215)

Have a look what the booklet for
HunterLab(51.7823, 46.2751,
32.5215) contains.

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Color

**HunterLab(51.7104, 46.0903,
32.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6106
RGB	238, 97, 6
RGB Percent	93%, 38%, 2%
CMY	0.0667, 0.6196, 0.9765
CMYK	0.00, 0.59, 0.97, 0.07
HSL	24°, 95%, 48%
HSV	24°, 97%, 93%
XYZ	39.5674, 26.7397, 3.2481
YIQ	128.7850, 113.2470, 1.5910

Conversions

Conversions Part 2

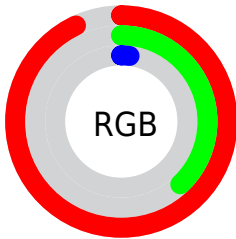
Format	Color
R_{YB}	238, 156, 6
Decimal	15622406
CIE _{Lab}	58.73, 51.21, 66.82
CIE _{LCh}	59, 84.188, 52.534
Yxy	26.7412, 0.5689, 0.3844
Android (android.graphics.Color)	4293812486 (0xFFEE6106)
YUV	128.7850, -60.5330, 95.7816
Hunter-Lab	51.7104, 46.0903, 32.4731

Details

The HunterLab color **51.7104, 46.0903, 32.4731** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **52.0359, -2.0788, -60.1365**, and the grayscale version is **46.9698, -2.5062, 2.5520**.

A 20% lighter version of the original color is **66.4426, 27.5689, 36.4001**, and **32.5339, 43.1876, 20.8033** is the 20% darker color. If you saturate the color by 10%, you get **51.0579, 47.7129, 32.2969**, and if you desaturate by 10%, it is **54.5363, 39.5015, 32.9754**.

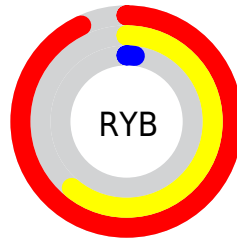
Distribution



Red (93%)

Green (38%)

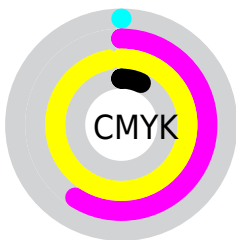
Blue (2%)



Red (93%)

Yellow (61%)

Blue (2%)

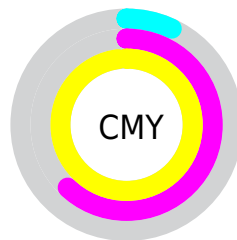


Cyan (0%)

Magenta (59%)

Yellow (97%)

Black (7%)



Cyan (7%)

Magenta (62%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7104, 46.0903, 32.4731 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 51.7104, 46.0903, 32.4731 by changing the saturation by 10% instead.

51.7104, 46.0903,
32.4731

51.7104, 46.0903,
32.4731

169.2341, 57.6729,
69.6031

41.6881, 44.3013,
27.4424

73.8026, 49.3240,
41.8321

32.4115, 42.4135,
22.6880

85.7916, 50.7841,
46.2084

23.9480, 40.4532,
16.7636

98.3674, 52.1457,
50.4166

16.3850, 38.5211,
11.4695

111.5040, 53.4147,
54.4787

9.8459, 36.9606,
6.8921

125.1782, 54.5968,
58.4136


0.0000, INF, NaN

0.0000, INF, NaN


139.3699, 55.6975,


62.2372


0.0000, NaN, NaN


 154.0606, 56.7213,
65.9632


0.0000, NaN, NaN


 51.7104, 46.0903,
32.4731


 51.7104, 46.0903,
32.4731


 51.0579, 47.7129,
32.2969

 54.5363, 39.5015,
32.9754

 57.7453, 33.0063,
32.6267

 61.3123, 26.7705,
31.3869

 65.2060, 20.8948,
29.3029

 69.3946, 15.4305,
26.4528

■ 73.8481, 10.3937,
22.9243

■ 78.5393, 5.7775,
18.8029

■ 83.4438, 1.5612,
14.1662

■ 88.5404, -2.2833,
9.0823

Harmonies

Analogous

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



51.7119, 77.3455, 22.1366



51.7104, 46.0903, 32.4731



51.7119, 6.4835, 34.7403

Triad

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



51.7119, 46.0858, 32.4737



51.7119, -54.8190, 10.6163



51.7119, 26.3277, -101.4377

Complementary

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



51.7104, 46.0903, 32.4731



52.0359, -2.0788, -60.1365

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.



51.7119, -11.4003, -113.1749



51.7104, 46.0903, 32.4731



51.7119, -52.1947, -29.0650

Square

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



51.7119, 46.0858, 32.4737



51.7119, -46.8171, 28.8949



51.7119, -38.3055, -80.7123



51.7119, 63.9441, -54.9052

Rectangle

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



51.7104, 46.0903, 32.4731



51.7119, -16.8592, 34.6121



51.7119, -38.3055, -80.7123



51.7119, 13.0285, -110.4635

Sweetspot

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



51.7119, 46.0858, 32.4737



84.0954, 7.0322, 21.1020



45.2542, 81.5586, -7.9765



37.8953, 4.2314, 10.6607

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.7119, 46.0858, 32.4737



55.1180, 51.8671, 34.8715



80.4645, -10.8828, 49.2643



40.9584, -0.7216, 4.7431



38.4427, 34.8315, 24.2980



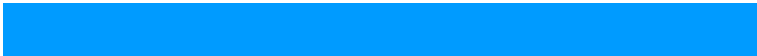
11.9067, 7.9996, 7.4769

Inverse Universe

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



52.0359, -2.0788, -60.1365



55.3652, -0.9204, -67.2148



27.0247, 58.7408, -159.7813



41.0213, -3.4849, -0.3977



38.6518, -1.3346, -45.4303



11.9830, -1.7398, -11.2219

Previews

White Background



This preview shows how the HunterLab color 51.7104, 46.0903, 32.4731 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 51.7104, 46.0903, 32.4731 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 51.7104, 46.0903, 32.4731 Background



This preview shows how black text looks on a background with the HunterLab color 51.7104, 46.0903, 32.4731.



This preview shows how white text looks on a background with the HunterLab color 51.7104, 46.0903,

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

51.7104, 46.0903, 32.4731

Protanopia

51.8513, -6.9653, 30.8404

Deuteranopia

51.8764, 2.9950, 32.0185



Tritanopia

51.6547, 53.7135, 20.0677

Trichromacy



Original Color

51.7104, 46.0903, 32.4731

Protanomaly

50.6493, 11.1032, 30.7835

Deuteranomaly

50.9495, 18.2820, 31.6480

Tritanomaly

51.5153, 49.8619, 27.2041

Monochromacy



Original Color

51.7104, 46.0903, 32.4731

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.6880, 11.2917, 18.3151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7104, 46.0903, 32.4731 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(238, 97, 6)` looks like.

```
.text, #text, p{  
    color:rgb(238, 97, 6)  
}
```

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(238, 97, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 97, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7104, 46.0903, 32.4731 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(238, 97, 6) }
```


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

```
.border{ border-color:rgb(238, 97, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 97, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 97, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 97, 6);  
box-shadow:4px 4px 4px 4px rgb(238, 97, 6)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.7104, 46.0903, 32.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 97, 6) }
```

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

```
.background{ background-color: rgb(238, 97,  
6) }
```

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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