

Converting Colors

HunterLab(30.2361, 12.7513,
18.8546)

Have a look what the booklet for
HunterLab(30.2361, 12.7513,
18.8546) contains.

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Color

**HunterLab(30.2436, 12.4082,
18.8532)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4800
RGB	127, 72, 0
RGB Percent	50%, 28%, 0%
CMY	0.5020, 0.7176, 1.0000
CMYK	0.00, 0.43, 1.00, 0.50
HSL	34°, 100%, 25%
HSV	34°, 100%, 50%
XYZ	11.0698, 9.1468, 1.1821
YIQ	80.2370, 55.8920, -10.7320

Conversions

Conversions Part 2

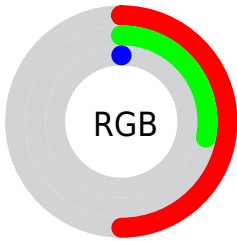
Format	Color
RYB	97, 127, 0
Decimal	8341504
CIELab	36.27, 18.89, 45.83
CIELCh	36, 49.569, 67.596
Yxy	9.1472, 0.5173, 0.4275
Android (android.graphics.Color)	4286531584 (0xFF7F4800)
YUV	80.2370, -39.5568, 41.0112
Hunter-Lab	30.2436, 12.4082, 18.8532

Details

The HunterLab color **30.2436, 12.4082, 18.8532** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **20.6507, 8.7819, -44.7686**, and the grayscale version is **28.5338, -1.5225, 1.5503**.

A 20% lighter version of the original color is **49.2497, 13.5227, 26.3827**, and **14.8601, 11.0849, 9.3508** is the 20% darker color. If you saturate the color by 10%, you get **30.2441, 12.4067, 18.8535**, and if you desaturate by 10%, it is **31.4941, 10.1339, 18.8859**.

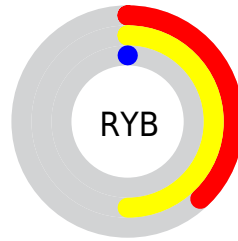
Distribution



Red (50%)

Green (28%)

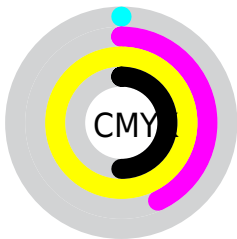
Blue (0%)



Red (38%)

Yellow (50%)

Blue (0%)

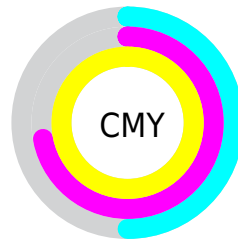


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2436, 12.4082, 18.8532 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 30.2436, 12.4082, 18.8532 by changing the saturation by 10% instead.

30.2436, 12.4082,
18.8532

30.2436, 12.4082,
18.8532

135.8207, 14.7060,
47.9280

21.9940, 11.6791,
15.3958

49.1718, 13.4920,
26.3996

14.6702, 10.7992,
10.2691

59.7235, 13.8835,
29.8481

8.3289, 10.1226,
5.8303

70.9377, 14.1902,
33.1323

0.0000, INF, NaN

0.0000, NaN, NaN

82.7773, 14.4206,
36.2816

0.0000, NaN, NaN

95.2109, 14.5821,
39.3191

0.0000, NaN, NaN


0.0000, NaN, NaN


108.2114, 14.6803,


42.2633


0.0000, NaN, NaN


 121.7549, 14.7203,
45.1290


 30.2436, 12.4082,
18.8532

 30.2436, 12.4082,
18.8532

 30.2441, 12.4067,
18.8535

 31.4941, 10.1339,
18.8859

 32.8191, 7.9730,
18.6596

 34.2270, 5.9963,
18.0040

 35.7143, 4.2153,
16.9192

 37.2769, 2.6337,
15.4187

■ 38.9104, 1.2494,
13.5233

■ 40.6104, 0.0569,
11.2578

■ 42.3727, -0.9521,
8.6485

■ 44.1934, -1.7870,
5.7216

Harmonies

Analogous

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



30.2444, 30.1711, 15.4445



30.2436, 12.4082, 18.8532



30.2444, -5.9638, 19.3353

Triad

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



30.2444, 12.4063, 18.8535



30.2444, -28.3985, -2.9302



30.2444, 21.9465, -36.6248

Complementary

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



30.2436, 12.4082, 18.8532



20.6507, 8.7819, -44.7686

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.



30.2444, 2.9935, -50.8685



30.2436, 12.4082, 18.8532



30.2444, -24.0450, -25.3454

Square

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



30.2444, 12.4063, 18.8535



30.2444, -26.9911, 11.5316



30.2444, -13.4720, -45.8579



30.2444, 36.4999, -13.3879

Rectangle

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



30.2436, 12.4082, 18.8532



30.2444, -15.7605, 18.5426



30.2444, -13.4720, -45.8579



30.2444, 15.7281, -43.0894

Sweetspot

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



30.2444, 12.4063, 18.8535



54.1791, 0.1821, 15.2981



21.8820, 38.7349, 4.3565



25.8209, 0.3514, 7.9437



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



30.2444, 12.4063, 18.8535



40.1006, 17.3982, 25.0144



43.6664, -14.5550, 26.6521



21.7190, -0.9076, 2.6658



30.3684, 12.4694, 18.9312

0.0000, NaN, NaN

Inverse Universe

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



20.6507, 8.7819, -44.7686



27.1109, 12.8859, -61.7032



12.5976, 33.7356, -86.1451



21.1995, -1.3134, -0.4215

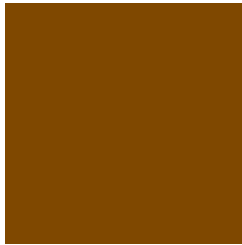


20.7318, 8.8338, -44.9826

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 30.2436, 12.4082, 18.8532 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.2436, 12.4082, 18.8532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

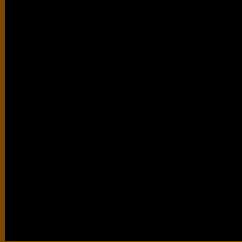
Any Text WCAG AA × Fail

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 30.2436, 12.4082, 18.8532 Background



This preview shows how black text looks on a background with the HunterLab color 30.2436, 12.4082, 18.8532.



This preview shows how white text looks on a background with the HunterLab color 30.2436, 12.4082, 18.8532.

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

30.2436, 12.4082, 18.8532

Protanopia

30.3626, -4.2668, 18.0739

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

30.3776, 19.6007, 7.0957

Trichromacy



Original Color

30.2436, 12.4082, 18.8532

Protanomaly

30.1432, 1.4902, 18.2613

Deuteranomaly

30.2684, 5.5712, 18.7488

Tritanomaly

30.2004, 16.1519, 13.8176

Monochromacy



Original Color

30.2436, 12.4082, 18.8532

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.4397, 1.5793, 11.0226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2436, 12.4082, 18.8532 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(127, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 72, 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(127, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 72, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2436, 12.4082, 18.8532 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(127, 72, 0) }
```


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

```
.border{ border-color:rgb(127, 72, 0) }
```

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

Here you see how a box with a 4 pixel rgb(127, 72, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2436, 12.4082, 18.8532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 72, 0) }
```

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

```
.background{ background-color: rgb(127, 72,  
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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