

Converting Colors

HunterLab(47.5823, 74.0310,
30.6106)

Have a look what the booklet for
HunterLab(47.5823, 74.0310,
30.6106) contains.

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Color

**HunterLab(47.5881, 74.0096,
30.6192)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2600
RGB	255, 38, 0
RGB Percent	100%, 15%, 0%
CMY	0.0000, 0.8509, 1.0000
CMYK	0.00, 0.85, 1.00, 0.00
HSL	9°, 100%, 50%
HSV	9°, 100%, 100%
XYZ	41.9332, 22.6463, 2.1611
YIQ	98.5510, 141.5300, 34.1860

Conversions

Conversions Part 2

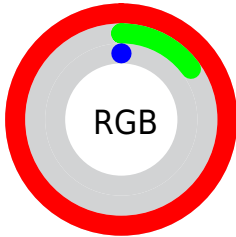
Format	Color
RYB	255, 45, 0
Decimal	16721408
CIELab	54.71, 75.86, 67.76
CIELCh	55, 101.716, 41.769
Yxy	22.6477, 0.6283, 0.3393
Android (android.graphics.Color)	4294911488 (0xFFFF2600)
YUV	98.5510, -48.5856, 137.2058
Hunter-Lab	47.5881, 74.0096, 30.6192

Details

The HunterLab color **47.5881, 74.0096, 30.6192** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **75.3881, -30.4552, -28.4844**, and the grayscale version is **35.2987, -1.8834, 1.9178**.

A 20% lighter version of the original color is **56.8431, 49.4282, 31.4328**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **47.5894, 74.0043, 30.6200**, and if you desaturate by 10%, it is **49.5328, 68.3549, 30.5833**.

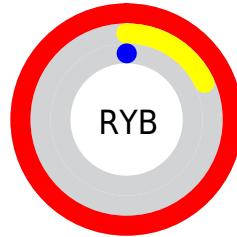
Distribution



Red (100%)

Green (15%)

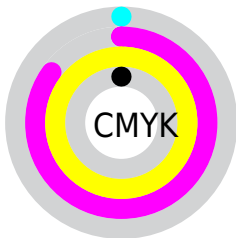
Blue (0%)



Red (100%)

Yellow (18%)

Blue (0%)

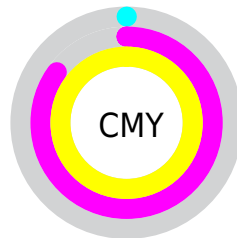


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.5881, 74.0096, 30.6192 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 47.5881, 74.0096, 30.6192 by changing the saturation by 10% instead.


 47.5881, 74.0096,
30.6192


 47.5881, 74.0096,
30.6192


163.0676, 92.5054,
68.7586


 37.8597, 71.6065,
25.4808


 69.1478, 78.7034,
40.2771


 28.9016, 69.2871,
20.2312


 80.8921, 80.9425,
44.7846


 20.7886, 67.2672,
14.5521

 93.2350, 83.0928,
49.1120

 13.6201, 66.1300,
9.5341

 106.1488, 85.1518,
53.2827

 7.2191, 72.0076,
5.0534

 119.6091, 87.1201,
57.3167

0.0000, INF, NaN

0.0000, INF, NaN


 133.5947, 88.9998,


61.2312


0.0000, NaN, NaN


 148.0866, 90.7938,
65.0410


0.0000, NaN, NaN


 47.5881, 74.0096,
30.6192


 47.5881, 74.0096,
30.6192


 47.5894, 74.0043,
30.6200

 49.5328, 68.3549,
30.5833

 52.3894, 60.9981,
29.8051

 56.1362, 52.5583,
28.1922

 60.6958, 43.6162,
25.8842

 65.9710, 34.6149,
23.0571

71.8631, 25.8345,
19.8689

78.2827, 17.4199,
16.4412

85.1528, 9.4248,
12.8587

92.4095, 1.8487,
9.1775

Harmonies

Analogous

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



47.5896, 105.2713, 15.7581



47.5881, 74.0096, 30.6192



47.5896, 25.4804, 33.3127

Triad

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



47.5896, 74.0038, 30.6200



47.5896, -57.5562, 20.9148



47.5896, 15.0954, -150.9290

Complementary

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



47.5881, 74.0096, 30.6192



75.3881, -30.4552, -28.4844

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.



47.5896, -25.2831, -143.6233



47.5881, 74.0096, 30.6192



47.5896, -58.6406, -15.9163

Square

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



47.5896, 74.0038, 30.6200



47.5896, -45.3072, 31.6572



47.5896, -49.0718, -82.3816



47.5896, 64.1673, -97.8589

Rectangle

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



47.5881, 74.0096, 30.6192



47.5896, -5.0124, 33.3127



47.5896, -49.0718, -82.3816



47.5896, -0.0198, -156.1939

Sweetspot

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



47.5896, 74.0038, 30.6200



78.2822, 17.4208, 16.4416



51.4591, 98.2695, -45.3871



34.9374, 9.6781, 8.2859

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5896, 74.0038, 30.6200



47.5896, 74.0045, 30.6201



68.5018, 21.0219, 42.5784



42.9232, 0.6869, 4.1609



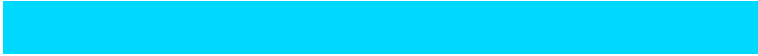
34.5891, 52.8802, 22.2394



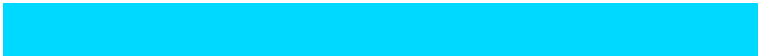
11.3489, 14.7624, 7.2516

Inverse Universe

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



75.3881, -30.4552, -28.4844



75.3882, -30.4552, -28.4847



38.9063, 32.8875, -119.6238



44.7131, -5.1502, 0.6102



54.6554, -22.2250, -20.3371



17.4024, -7.3872, -5.8048

Previews

White Background



This preview shows how the HunterLab color 47.5881, 74.0096, 30.6192 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 47.5881, 74.0096, 30.6192 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 47.5881, 74.0096, 30.6192 Background



This preview shows how black text looks on a background with the HunterLab color 47.5881, 74.0096, 30.6192.



This preview shows how white text looks on a background with the HunterLab color 47.5881, 74.0096, 30.6192.

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

47.5881, 74.0096, 30.6192

Protanopia

47.8568, -6.4487, 27.6833

Deuteranopia

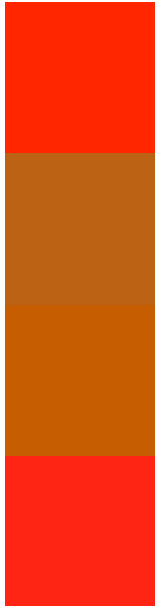
47.7223, 2.7373, 29.4542



Tritanopia

47.6371, 74.6722, 28.8702

Trichromacy



Original Color

47.5881, 74.0096, 30.6192

Protanomaly

43.9894, 24.4126, 26.6414

Deuteranomaly

44.5359, 31.0921, 27.9871

Tritanomaly

47.5786, 74.4466, 29.7370

Monochromacy



Original Color

47.5881, 74.0096, 30.6192

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.6855, 23.8923, 14.5943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5881, 74.0096, 30.6192 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(255, 38, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 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(255, 38, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5881, 74.0096, 30.6192 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(255, 38, 0) }
```


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

```
.border{ border-color:rgb(255, 38, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 38, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 38, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.5881, 74.0096, 30.6192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 0) }
```

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

```
.background{ background-color: rgb(255, 38,  
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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