

Converting Colors

HunterLab(47.7727, 65.7568,
30.5885)

Have a look what the booklet for
HunterLab(47.7727, 65.7568,
30.5885) contains.

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Color

**HunterLab(47.7496, 65.4852,
30.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	F73A00
RGB	247, 58, 0
RGB Percent	97%, 23%, 0%
CMY	0.0314, 0.7725, 1.0000
CMYK	0.00, 0.77, 1.00, 0.03
HSL	14°, 100%, 48%
HSV	14°, 100%, 97%
XYZ	39.8708, 22.8002, 2.2995
YIQ	107.8990, 131.2620, 22.0300

Conversions

Conversions Part 2

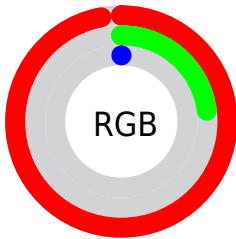
Format	Color
RYB	247, 76, 0
Decimal	16202240
CIELab	54.87, 68.83, 66.90
CIELCh	55, 95.985, 44.186
Yxy	22.8016, 0.6137, 0.3509
Android (android.graphics.Color)	4294392320 (0xFFFF73A00)
YUV	107.8990, -53.1942, 121.9916
Hunter-Lab	47.7496, 65.4852, 30.5695

Details

The HunterLab color **47.7496, 65.4852, 30.5695** 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 **65.6542, -19.7833, -39.3555**, and the grayscale version is **38.8500, -2.0729, 2.1108**.

A 20% lighter version of the original color is **59.1860, 43.5974, 32.8108**, and **31.3429, 53.6756, 20.2530** is the 20% darker color. If you saturate the color by 10%, you get **47.7508, 65.4806, 30.5702**, and if you desaturate by 10%, it is **50.1384, 58.8558, 30.8576**.

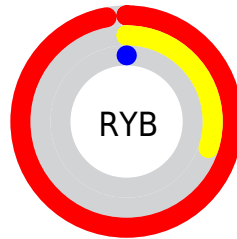
Distribution



Red (97%)

Green (23%)

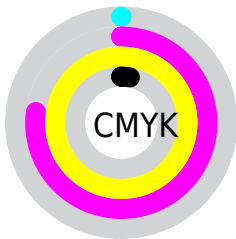
Blue (0%)



Red (97%)

Yellow (30%)

Blue (0%)

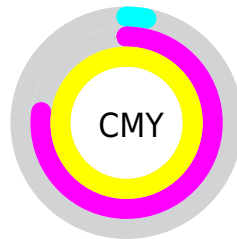


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7496, 65.4852, 30.5695 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 47.7496, 65.4852, 30.5695 by changing the saturation by 10% instead.

47.7496, 65.4852,
30.5695

47.7496, 65.4852,
30.5695

163.3109, 82.2480,
68.2572

38.0094, 63.2021,
25.4661

69.3307, 69.8445,
40.1120

29.0384, 60.9350,
20.3269

81.0848, 71.8930,
44.5646

20.9112, 58.8361,
14.6378

93.4370, 73.8458,
48.8396

13.7266, 57.3309,
9.6086

106.3597, 75.7035,
52.9602

7.3407, 61.1611,
5.1385

119.8286, 77.4690,
56.9464


0.0000, INF, NaN

0.0000, INF, NaN


133.8224, 79.1457,


60.8154


0.0000, NaN, NaN


 148.3222, 80.7374,
64.5815


0.0000, NaN, NaN

 47.7496, 65.4852,
30.5695


 47.7496, 65.4852,
30.5695

 47.7508, 65.4806,
30.5702

 50.1384, 58.8558,
30.8576

 53.2266, 51.3464,
30.4103

 56.9785, 43.4384,
29.1100

 61.3299, 35.4943,
27.0486

 66.2107, 27.7577,
24.3563

71.5530, 20.3669,
21.1622

77.2960, 13.3830,
17.5762

83.3871, 6.8170,
13.6858

89.7817, 0.6512,
9.5571

Harmonies

Analogous

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



47.7511, 96.3379, 17.1956



47.7496, 65.4852, 30.5695



47.7511, 20.0948, 33.2307

Triad

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



47.7511, 65.4798, 30.5702



47.7511, -56.0536, 18.4613



47.7511, 17.6439, -135.0958

Complementary

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



47.7496, 65.4852, 30.5695



65.6542, -19.7833, -39.3555

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.



47.7511, -21.6313, -133.4432



47.7496, 65.4852, 30.5695



47.7511, -56.3261, -18.8524

Square

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



47.7511, 65.4798, 30.5702



47.7511, -44.9729, 30.8587



47.7511, -45.9013, -80.8209



47.7511, 63.1878, -84.3524

Rectangle

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



47.7496, 65.4852, 30.5695



47.7511, -7.9981, 33.4258



47.7511, -45.9013, -80.8209



47.7511, 3.1530, -141.4475

Sweetspot

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



47.7511, 65.4798, 30.5702



80.1160, 13.9132, 18.2449



48.4398, 90.5718, -27.7499



35.8804, 7.8277, 9.1871

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7511, 65.4798, 30.5702



49.4777, 68.0041, 31.6785



72.7159, 7.5342, 44.9390



41.3692, 0.1572, 4.2866



34.9837, 46.8291, 22.3766



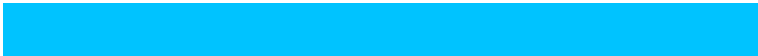
11.0780, 11.8244, 7.0332

Inverse Universe

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



65.6542, -19.7833, -39.3555



68.0430, -20.4658, -40.8680



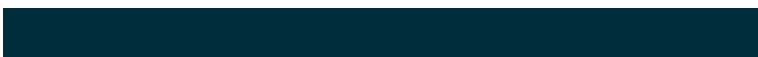
32.5522, 45.7338, -139.4131



42.4963, -4.4428, 0.2380



47.9847, -14.7238, -28.1922



14.7627, -5.1105, -7.4200

Previews

White Background



This preview shows how the HunterLab color 47.7496, 65.4852, 30.5695 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 47.7496, 65.4852, 30.5695 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 47.7496, 65.4852, 30.5695 Background



This preview shows how black text looks on a background with the HunterLab color 47.7496, 65.4852, 30.5695.



This preview shows how white text looks on a background with the HunterLab color 47.7496, 65.4852,

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

47.7496, 65.4852, 30.5695

Protanopia

47.8405, -6.5392, 27.9240

Deuteranopia

47.7223, 2.7373, 29.4542



Tritanopia

47.8232, 68.2971, 26.1830

Trichromacy



Original Color

47.7496, 65.4852, 30.5695

Protanomaly

45.0968, 19.7493, 27.3818

Deuteranomaly

45.7269, 25.9976, 28.6318

Tritanomaly

47.7600, 67.3413, 28.6344

Monochromacy



Original Color

47.7496, 65.4852, 30.5695

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.8753, 19.3390, 15.7065

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7496, 65.4852, 30.5695 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(247, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 58, 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(247, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 58, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7496, 65.4852, 30.5695 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(247, 58, 0) }
```


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

```
.border{ border-color:rgb(247, 58, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 58, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 58, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.7496, 65.4852, 30.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 58, 0) }
```

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

```
.background{ background-color: rgb(247, 58,  
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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