

Converting Colors

HunterLab(58.7824, 44.0950,
37.9717)

Have a look what the booklet for
HunterLab(58.7824, 44.0950,
37.9717) contains.

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Color

**HunterLab(58.4952, 43.2478,
36.8016)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7600
RGB	255, 118, 0
RGB Percent	100%, 46%, 0%
CMY	0.0000, 0.5372, 1.0000
CMYK	0.00, 0.54, 1.00, 0.00
HSL	28°, 100%, 50%
HSV	28°, 100%, 100%
XYZ	47.7185, 34.2169, 4.0895
YIQ	145.5110, 119.5300, -7.6540

Conversions

Conversions Part 2

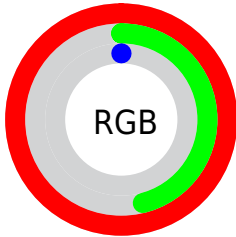
Format	Color
R_{YB}	255, 220, 0
Decimal	16741888
CIE _{Lab}	65.14, 47.67, 72.91
CIE _{LCh}	65, 87.110, 56.822
Yxy	34.2188, 0.5547, 0.3978
Android (android.graphics.Color)	4294931968 (0xFFFF7600)
YUV	145.5110, -71.7369, 96.0219
Hunter-Lab	58.4952, 43.2478, 36.8016

Details

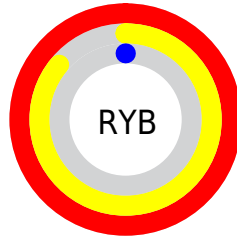
The HunterLab color **58.4952, 43.2478, 36.8016** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **50.1107, 8.4668, -80.9108**, and the grayscale version is **53.6641, -2.8634, 2.9157**.

A 20% lighter version of the original color is **71.8346, 16.7248, 39.6367**, and **38.3767, 40.4033, 24.3549** is the 20% darker color. If you saturate the color by 10%, you get **58.4959, 43.2452, 36.8020**, and if you desaturate by 10%, it is **61.4457, 36.6524, 37.5888**.

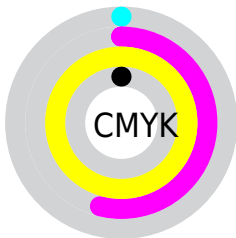
Distribution



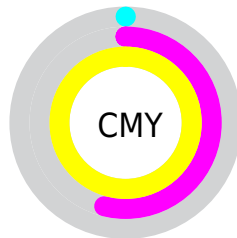
- Red (100%)
- Green (46%)
- Blue (0%)



- Red (100%)
- Yellow (86%)
- Blue (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4952, 43.2478, 36.8016 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 58.4952, 43.2478, 36.8016 by changing the saturation by 10% instead.

58.4952, 43.2478,
36.8016

58.4952, 43.2478,
36.8016

179.1945, 53.2616,
76.0634

48.0226, 41.6502,
31.5480

81.4087, 46.0983,
46.6319

38.2611, 39.9425,
26.2506

93.7766, 47.3730,
51.2501

29.2686, 38.1264,
20.4880

106.7142, 48.5546,
55.7007

21.1176, 36.2351,
14.7823

120.1975, 49.6492,
60.0041

13.9061, 34.3856,
9.7343

134.2051, 50.6624,
64.1779


7.5404, 34.9097,
5.2783

148.7183, 51.5992,


0.0000, INF, NaN


68.2373


0.0000, NaN, NaN


 163.7199, 52.4643,
72.1953


0.0000, NaN, NaN


 58.4952, 43.2478,
36.8016


 58.4952, 43.2478,
36.8016

 58.4959, 43.2452,
36.8020

 61.4457, 36.6524,
37.5888

 64.7106, 30.2648,
37.5337

 68.2802, 24.2358,
36.4803

 72.1335, 18.6404,
34.4408

 76.2475, 13.5136,
31.4716

■ 80.6002, 8.8629,
27.6492

■ 85.1703, 4.6774,
23.0562

■ 89.9385, 0.9351,
17.7734

■ 94.8874, -2.3925,
11.8758

Harmonies

Analogous

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



58.4968, 78.8588, 26.9096



58.4952, 43.2478, 36.8016



58.4968, 1.0445, 38.9041

Triad

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



58.4968, 43.2431, 36.8023



58.4968, -60.2821, 6.9622



58.4968, 34.2395, -101.2395

Complementary

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



58.4952, 43.2478, 36.8016



50.1107, 8.4668, -80.9108

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.



58.4968, -7.1797, -120.1252



58.4952, 43.2478, 36.8016



58.4968, -55.6851, -38.4290

Square

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



58.4968, 43.2431, 36.8023



58.4968, -53.1537, 30.1290



58.4968, -38.4279, -91.9813



58.4968, 72.7849, -50.0730

Rectangle

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



58.4952, 43.2478, 36.8016



58.4968, -23.0760, 38.4588



58.4968, -38.4279, -91.9813



58.4968, 19.9212, -112.5920

Sweetspot

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



58.4968, 43.2431, 36.8023



85.1691, 4.6787, 23.0579



48.1258, 86.3658, 0.4796



38.5000, 2.9554, 11.6045

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.4968, 43.2431, 36.8023



58.4962, 43.2454, 36.8021



92.1481, -19.7228, 56.4358



44.0142, -1.1780, 5.3532



42.6277, 30.4219, 26.7996



14.0894, 7.6480, 8.8157

Inverse Universe

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



50.1107, 8.4668, -80.9108



50.1098, 8.4687, -80.9143



27.3892, 70.6214, -186.6843



43.5824, -3.3196, -0.7511



36.6370, 5.3449, -57.3313



12.3517, 0.0251, -15.4928

Previews

White Background



This preview shows how the HunterLab color 58.4952, 43.2478, 36.8016 looks on a white 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

Black Background



This preview shows how the HunterLab color 58.4952, 43.2478, 36.8016 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.4952, 43.2478, 36.8016 Background



This preview shows how black text looks on a background with the HunterLab color 58.4952, 43.2478, 36.8016.



This preview shows how white text looks on a background with the HunterLab color 58.4952, 43.2478,

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

58.4952, 43.2478, 36.8016

Protanopia

58.6872, -7.9789, 35.2041

Deuteranopia

58.3884, 3.9809, 36.0484



Tritanopia

58.4639, 51.4578, 19.2266

Trichromacy



Original Color

58.4952, 43.2478, 36.8016

Protanomaly

57.6597, 9.8974, 35.2382

Deuteranomaly

57.7863, 18.1194, 35.9249

Tritanomaly

58.1519, 47.2970, 29.6896

Monochromacy



Original Color

58.4952, 43.2478, 36.8016

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

53.7008, 9.1654, 21.8168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4952, 43.2478, 36.8016 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, 118, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 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, 118, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4952, 43.2478, 36.8016 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, 118, 0) }
```


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

```
.border{ border-color:rgb(255, 118, 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, 118, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4952, 43.2478, 36.8016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 0) }
```

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

```
.background{ background-color: rgb(255,  
118, 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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