

Converting Colors

HunterLab(57.5985, 45.9188,
35.3196)

Have a look what the booklet for
HunterLab(57.5985, 45.9188,
35.3196) contains.

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Color

**HunterLab(57.5716, 46.0009,
35.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	FF711A
RGB	255, 113, 26
RGB Percent	100%, 44%, 10%
CMY	0.0000, 0.5568, 0.8980
CMYK	0.00, 0.56, 0.90, 0.00
HSL	23°, 100%, 55%
HSV	23°, 90%, 100%
XYZ	47.3317, 33.1449, 4.8803
YIQ	145.5400, 112.5590, 3.0470

Conversions

Conversions Part 2

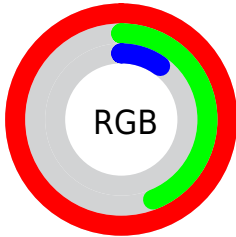
Format	Color
R_{YB}	255, 166, 26
Decimal	16740634
CIE _{Lab}	64.28, 50.28, 67.37
CIE _{LCh}	64, 84.065, 53.261
Yxy	33.1468, 0.5545, 0.3883
Android (android.graphics.Color)	4294930714 (0xFFFF711A)
YUV	145.5400, -58.9332, 95.9964
Hunter-Lab	57.5716, 46.0009, 35.2742

Details

The HunterLab color **57.5716, 46.0009, 35.2742** 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 **59.5339, -6.8069, -57.6543**, and the grayscale version is **53.6278, -2.8614, 2.9137**.

A 20% lighter version of the original color is **70.6219, 19.8895, 37.1633**, and **37.5168, 42.8212, 23.8673** is the 20% darker color. If you saturate the color by 10%, you get **54.6324, 53.1712, 34.5793**, and if you desaturate by 10%, it is **60.9562, 38.7917, 35.1367**.

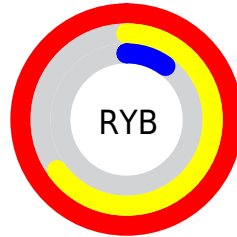
Distribution



Red (100%)

Green (44%)

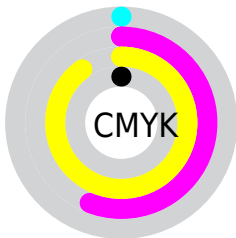
Blue (10%)



Red (100%)

Yellow (65%)

Blue (10%)

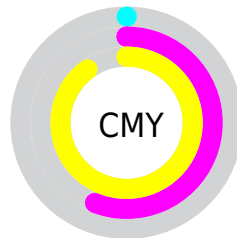


Cyan (0%)

Magenta (56%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 57.5716, 46.0009, 35.2742 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 57.5716, 46.0009, 35.2742 by changing the saturation by 10% instead.


 57.5716, 46.0009,
35.2742


 57.5716, 46.0009,
35.2742


177.8512, 56.8648,
71.9692

 47.1581, 44.3039,
30.3453


 80.3770, 49.0515,
44.4652


 37.4600, 42.5009,
25.2287


 92.6948, 50.4247,
48.7771


 28.5365, 40.6001,
19.9755


 105.5847, 51.7030,
52.9323

 20.4616, 38.6500,
14.3231

 119.0221, 52.8925,
56.9509

 13.3364, 36.8101,
9.3355

 132.9856, 53.9985,
60.8502

 6.8831, 39.4363,
4.8182

 147.4562, 55.0263,

0.0000, INF, NaN

64.6450

0.0000, NaN, NaN

162.4165, 55.9804,
68.3478

0.0000, NaN, NaN

57.5716, 46.0009,
35.2742

57.5716, 46.0009,
35.2742

54.6324, 53.1712,
34.5793

60.9562, 38.7917,
35.1367

54.5784, 53.3091,
34.5642

64.7567, 31.8005,
34.0303

68.9383, 25.1624,
31.9958

73.4637, 18.9538,
29.1168

78.2974, 13.2059,
25.4911

83.4067, 7.9186,
21.2157

88.7626, 3.0734,
16.3786

94.3397, -1.3590,
11.0568

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



57.5732, 78.0110, 23.9763



57.5716, 46.0009, 35.2742



57.5732, 5.5191, 37.9783

Triad

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



57.5732, 45.9962, 35.2749



57.5732, -58.0878, 10.5276



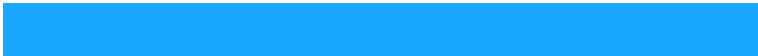
57.5732, 27.8228, -100.2538

Complementary

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



57.5716, 46.0009, 35.2742



59.5339, -6.8069, -57.6543

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.



57.5732, -11.1929, -112.8375



57.5716, 46.0009, 35.2742



57.5732, -54.9665, -30.5380

Square

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



57.5732, 45.9962, 35.2749



57.5732, -49.7383, 30.7078



57.5732, -39.7700, -81.8338



57.5732, 65.8012, -53.8732

Rectangle

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



57.5716, 46.0009, 35.2742



57.5732, -18.5120, 37.7612



57.5732, -39.7700, -81.8338



57.5732, 14.1819, -109.4247

Sweetspot

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



57.5732, 45.9962, 35.2749



84.8841, 6.5175, 19.9134



49.9404, 87.6115, -13.4547



38.4398, 3.8073, 9.9443

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.5732, 45.9962, 35.2749



54.5786, 53.3093, 34.5643



86.5430, -10.7684, 52.4692



43.7243, -0.6870, 5.0390



39.7868, 37.6404, 25.1754



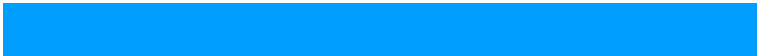
13.2063, 9.7248, 8.3079

Inverse Universe

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



59.5339, -6.8069, -57.6543



56.3142, -2.5187, -64.9507



32.1252, 54.4436, -153.8575



43.8793, -3.8046, -0.3902



41.0706, -2.4252, -46.0993



13.6137, -2.0412, -12.6097

Previews

White Background



This preview shows how the HunterLab color 57.5716, 46.0009, 35.2742 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 57.5716, 46.0009, 35.2742 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 57.5716, 46.0009, 35.2742 Background



This preview shows how black text looks on a background with the HunterLab color 57.5716, 46.0009, 35.2742.



This preview shows how white text looks on a background with the HunterLab color 57.5716, 46.0009,

35.2742.

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

57.5716, 46.0009, 35.2742

Protanopia

57.8598, -7.7922, 33.7230

Deuteranopia

57.4892, 3.7687, 35.4906



Tritanopia

57.6195, 52.9457, 20.0506

Trichromacy



Original Color

57.5716, 46.0009, 35.2742

Protanomaly

56.6910, 10.9186, 33.6191

Deuteranomaly

56.7918, 18.8773, 35.0555

Tritanomaly

57.4640, 49.5930, 28.0409

Monochromacy



Original Color

57.5716, 46.0009, 35.2742

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

53.3372, 10.9846, 19.0852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.5716, 46.0009, 35.2742 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, 113, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 26)  
}
```

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, 113, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 57.5716, 46.0009, 35.2742 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, 113, 26) }
```


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

```
.border{ border-color:rgb(255, 113, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.5716, 46.0009, 35.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 26) }
```

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

```
.background{ background-color: rgb(255,  
113, 26) }
```

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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