

# Converting Colors

HunterLab(57.6032, 45.9077,  
35.3223)

Have a look what the booklet for  
HunterLab(57.6032, 45.9077,  
35.3223) 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

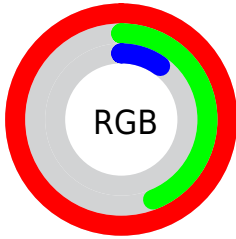
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 166, 26
Decimal	16740634
CIE Lab	64.28, 50.28, 67.37
CIE LCh	64, 84.065, 53.261
Yxy	33.1468, 0.5545, 0.3883
Android (android.graphics.Color)	4294930714 (0xFFFF711A)
YUV	145.5400, -58.9332, 95.9964
Hunter-Lab	57.5716, 46.0009, 35.2742

# 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**.

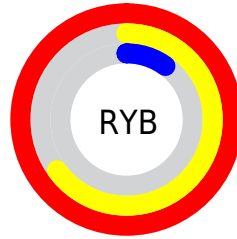
# Distribution



Red (100%)

Green (44%)

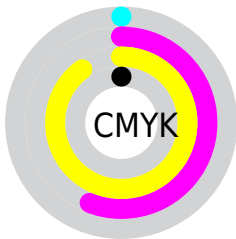
Blue (10%)



Red (100%)

Yellow (65%)

Blue (10%)

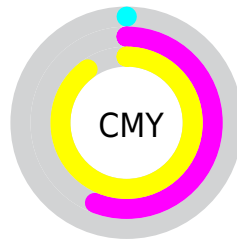


Cyan (0%)

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

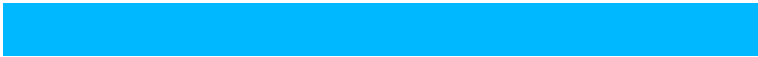
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



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

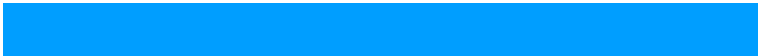


# Inverse Universe

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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