

# Converting Colors

HunterLab(59.0255, 42.2843,  
36.3923)

Have a look what the booklet for  
HunterLab(59.0255, 42.2843,  
36.3923) contains.

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# Color

**HunterLab(58.9467, 42.4732,  
36.3526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7815
RGB	255, 120, 21
RGB Percent	100%, 47%, 8%
CMY	0.0000, 0.5294, 0.9176
CMYK	0.00, 0.53, 0.92, 0.00
HSL	25°, 100%, 54%
HSV	25°, 92%, 100%
XYZ	48.0919, 34.7471, 4.8817
YIQ	149.0790, 112.2390, -2.1690

# Conversions

## Conversions Part 2

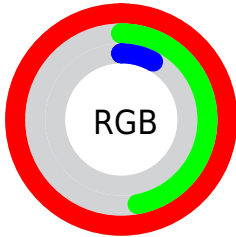
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 193, 21
Decimal	16742421
CIE <sub>Lab</sub>	65.55, 46.91, 69.56
CIE <sub>LCh</sub>	66, 83.894, 56.005
Yxy	34.7491, 0.5482, 0.3961
Android (android.graphics.Color)	4294932501 (0xFFFF7815)
YUV	149.0790, -63.1429, 92.8927
Hunter-Lab	58.9467, 42.4732, 36.3526

# Details

The HunterLab color **58.9467, 42.4732, 36.3526** 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 **55.8169, -0.9504, -66.1164**, and the grayscale version is **55.0704, -2.9384, 2.9921**.

A 20% lighter version of the original color is **72.4563, 16.1319, 38.7193**, and **38.6800, 39.5684, 24.5272** is the 20% darker color. If you saturate the color by 10%, you get **56.5348, 48.1671, 35.6797**, and if you desaturate by 10%, it is **62.2181, 35.6205, 36.4489**.

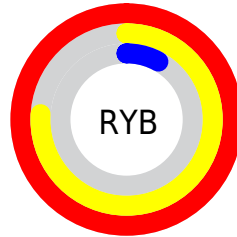
# Distribution



Red (100%)

Green (47%)

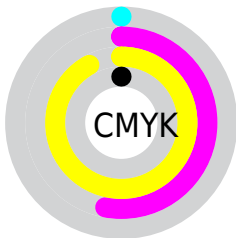
Blue (8%)



Red (100%)

Yellow (76%)

Blue (8%)

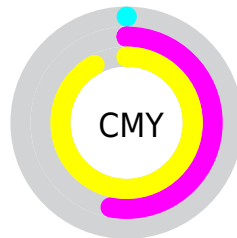


Cyan (0%)

Magenta (53%)

Yellow (92%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.9467, 42.4732, 36.3526 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 58.9467, 42.4732, 36.3526 by changing the saturation by 10% instead.



58.9467, 42.4732,  
36.3526

58.9467, 42.4732,  
36.3526

179.8498, 52.2238,  
73.9471

48.4455, 40.9073,  
31.3163

81.9127, 45.2609,  
45.7591

38.6532, 39.2303,  
26.0938

94.3048, 46.5050,  
50.1764

29.6273, 37.4422,  
20.7391

107.2656, 47.6566,  
54.4346

21.4395, 35.5715,  
15.0076

120.7712, 48.7219,  
58.5536

14.1863, 33.7224,  
9.9304

134.8003, 49.7065,  
62.5507

7.8405, 33.5850,  
5.4883

149.3341, 50.6154,

0.0000, INF, NaN

66.4405

0.0000, NaN, NaN

164.3557, 51.4532,  
70.2357

0.0000, NaN, NaN

58.9467, 42.4732,  
36.3526

58.9467, 42.4732,  
36.3526

56.5348, 48.1671,  
35.6797

62.2181, 35.6205,  
36.4489

65.8477, 29.0497,  
35.5624

69.8097, 22.8680,  
33.7063

74.0750, 17.1345,  
30.9444

78.6152, 11.8710,  
27.3616

83.4036, 7.0741,  
23.0479

88.4162, 2.7247,  
18.0894

93.6315, -1.2056,  
12.5643

99.0304, -4.7489,  
6.5415

# Harmonies

## Analogous

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



58.9483, 75.9995, 25.9427



58.9467, 42.4732, 36.3526



58.9483, 1.9242, 38.7396

# Triad

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



58.9483, 42.4686, 36.3533



58.9483, -58.9237, 7.7603



58.9483, 31.6465, -96.7095

# Complementary

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



58.9467, 42.4732, 36.3526



55.8169, -0.9504, -66.1164

# 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.



58.9483, -8.0552, -113.2117



58.9467, 42.4732, 36.3526



58.9483, -54.6877, -35.1507

# Square

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



58.9483, 42.4686, 36.3533



58.9483, -51.5437, 30.0019



58.9483, -38.0804, -85.8088



58.9483, 68.7407, -48.9957



# Rectangle

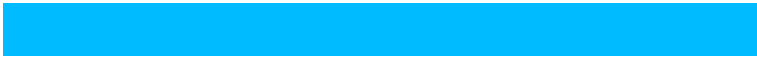
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.9467, 42.4732, 36.3526



58.9483, -21.6207, 38.3120



58.9483, -38.0804, -85.8088



58.9483, 17.9220, -106.9996

# Sweetspot

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



58.9483, 42.4686, 36.3533



85.2647, 5.3866, 21.2537



49.2422, 86.5067, -6.8210



38.4611, 3.3901, 10.7816

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.9483, 42.4686, 36.3533



56.5350, 48.1673, 35.6799



90.0096, -16.2655, 54.7112



43.8752, -0.9430, 5.2028



41.2086, 33.9452, 25.9868



13.6537, 8.6513, 8.5648

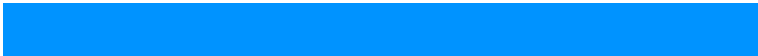


# Inverse Universe

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



55.8169, -0.9504, -66.1164



53.0297, 3.1327, -73.0450



29.8853, 61.9920, -168.1920



43.7244, -3.5520, -0.5782



38.7250, 1.5724, -51.7973



12.9485, -0.9760, -14.0777



# Previews

## White Background



This preview shows how the HunterLab color 58.9467, 42.4732, 36.3526 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 58.9467, 42.4732, 36.3526 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 58.9467, 42.4732, 36.3526 Background



This preview shows how black text looks on a background with the HunterLab color 58.9467, 42.4732, 36.3526.



This preview shows how white text looks on a background with the HunterLab color 58.9467, 42.4732,



# 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

58.9467, 42.4732, 36.3526

### Protanopia

59.1178, -7.8806, 34.9197

### Deuteranopia

58.8980, 4.2858, 36.3677



## Tritanopia

58.8856, 50.6631, 18.9586

# Trichromacy



## Original Color

58.9467, 42.4732, 36.3526

## Protanomaly

57.9655, 9.6260, 34.7629

## Deuteranomaly

58.4345, 17.6085, 36.0822

## Tritanomaly

58.6572, 46.8427, 28.2773

# Monochromacy



## Original Color

58.9467, 42.4732, 36.3526

## Achromatopsia

54.8219, -2.9252, 2.9786

## Achromatomaly

54.6147, 9.7495, 20.1775

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.9467, 42.4732, 36.3526 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, 120, 21)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 21)  
}
```

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, 120, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 21) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.9467, 42.4732, 36.3526 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, 120, 21) }
```



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

```
.border{ border-color:rgb(255, 120, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 21);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
21) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.9467, 42.4732, 36.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 21) }
```

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

```
.background{ background-color: rgb(255,  
120, 21) }
```

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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