

# Converting Colors

HunterLab(56.8505, 39.2713,  
32.5322)

Have a look what the booklet for  
HunterLab(56.8505, 39.2713,  
32.5322) contains.

<b>HunterLab(56.9388, 39.4308, 32.6335)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(56.9388, 39.4308,  
32.6335)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F47632
RGB	244, 118, 50
RGB Percent	96%, 46%, 20%
CMY	0.0431, 0.5372, 0.8039
CMYK	0.00, 0.52, 0.80, 0.04
HSL	21°, 90%, 58%
HSV	21°, 80%, 96%
XYZ	44.3624, 32.4203, 6.9372
YIQ	147.9220, 96.9240, 5.5640

# Conversions

## Conversions Part 2

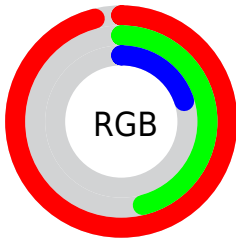
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 155, 50
Decimal	16021042
CIE <sub>Lab</sub>	63.69, 44.36, 57.51
CIE <sub>LCh</sub>	64, 72.634, 52.359
Yxy	32.4221, 0.5299, 0.3873
Android (android.graphics.Color)	4294211122 (0xFFFF47632)
YUV	147.9220, -48.2755, 84.2604
Hunter-Lab	56.9388, 39.4308, 32.6335

# Details

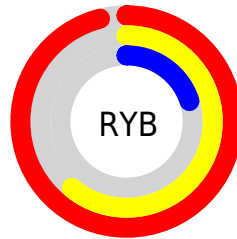
The HunterLab color **56.9388, 39.4308, 32.6335** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **61.8529, -12.5222, -44.1467**, and the grayscale version is **54.5495, -2.9106, 2.9638**.

A 20% lighter version of the original color is **71.9059, 18.9921, 34.4888**, and **37.0408, 36.3985, 23.4616** is the 20% darker color. If you saturate the color by 10%, you get **53.7032, 46.4752, 32.8519**, and if you desaturate by 10%, it is **60.6159, 32.5109, 31.5138**.

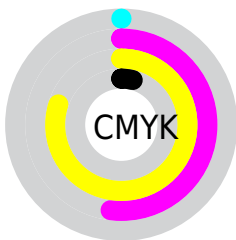
# Distribution



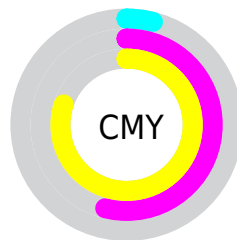
- Red (96%)
- Green (46%)
- Blue (20%)



- Red (96%)
- Yellow (61%)
- Blue (20%)



- Cyan (0%)
- Magenta (52%)
- Yellow (80%)
- Black (4%)




- Cyan (4%)
- Magenta (54%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.9388, 39.4308, 32.6335 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 56.9388, 39.4308, 32.6335 by changing the saturation by 10% instead.





 56.9388, 39.4308,  
32.6335

 56.9388, 39.4308,  
32.6335


176.9286, 48.5433,  
64.6176


 46.5662, 37.9352,  
28.3369


 79.6694, 42.0751,  
40.6177


 36.9120, 36.3253,  
23.7927


 91.9527, 43.2468,  
44.3629


 28.0362, 34.5996,  
19.5408


 104.8095, 44.3264,  
47.9759

 20.0142, 32.7845,  
14.0099

 118.2153, 45.3201,  
51.4755

 12.9489, 30.9862,  
9.0642

 132.1484, 46.2338,  
54.8774

 6.3916, 34.6444,  
4.4741

 146.5895, 47.0726,

0.0000, INF, NaN

58.1948

0.0000, NaN, NaN

161.5215, 47.8410,  
61.4385

0.0000, NaN, NaN

■ 56.9388, 39.4308,  
32.6335

■ 56.9388, 39.4308,  
32.6335

■ 53.7032, 46.4752,  
32.8519

■ 60.6159, 32.5109,  
31.5138

■ 50.9329, 53.3914,  
32.2791


■ 64.6896, 25.8892,  
29.5410


■ 50.8079, 53.7189,  
32.2480


■ 69.1204, 19.6534,  
26.8050


■ 73.8693, 13.8440,  
23.4053

■ 78.9009, 8.4672,  
19.4370

 84.1838, 3.5075,  
14.9846

 89.6910, -1.0623,  
10.1201

 95.3990, -5.2747,  
4.9031

 98.9813, -8.8978,  
4.1658

# Harmonies

## Analogous

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



56.9404, 65.4403, 21.1150



56.9388, 39.4308, 32.6335



56.9404, 5.3389, 35.8925

# Triad

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



56.9404, 39.4265, 32.6342



56.9404, -51.9396, 10.3191



56.9404, 22.1963, -81.4684

# Complementary

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



56.9388, 39.4308, 32.6335



61.8529, -12.5222, -44.1467

# 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.



56.9404, -10.9632, -90.2397



56.9388, 39.4308, 32.6335



56.9404, -49.3559, -23.8352

# Square

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



56.9404, 39.4265, 32.6342



56.9404, -43.8961, 28.4448



56.9404, -35.8425, -65.0826



56.9404, 54.0643, -45.2346



# Rectangle

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



56.9388, 39.4308, 32.6335



56.9404, -15.5729, 35.7006



56.9404, -35.8425, -65.0826



56.9404, 10.6777, -88.3142

# Sweetspot

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



56.9404, 39.4265, 32.6342



85.9513, 6.0071, 17.9420



49.6517, 79.5423, -17.1220



38.8526, 3.6500, 9.0643

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



56.9404, 39.4265, 32.6342



54.7379, 53.0667, 34.2549



82.4700, -9.7850, 48.4767



41.7525, -0.4984, 4.7059



37.7728, 38.7645, 23.9541



11.9977, 9.4011, 7.5575



# Inverse Universe

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



61.8529, -12.5222, -44.1467



60.0689, -8.2414, -56.5111



35.8000, 39.3035, -118.9970



42.0986, -3.7996, -0.2401



41.4738, -4.9926, -41.0611



13.0543, -2.6577, -10.5796



# Previews

## White Background



This preview shows how the HunterLab color 56.9388, 39.4308, 32.6335 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 56.9388, 39.4308, 32.6335 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 56.9388, 39.4308, 32.6335 Background



This preview shows how black text looks on a background with the HunterLab color 56.9388, 39.4308, 32.6335.



This preview shows how white text looks on a background with the HunterLab color 56.9388, 39.4308,



# 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

56.9388, 39.4308, 32.6335

### Protanopia

57.1430, -7.0046, 30.6530

### Deuteranopia

57.0000, 3.7953, 33.1014



## Tritanopia

56.9658, 48.5607, 18.1134

# Trichromacy



## Original Color

56.9388, 39.4308, 32.6335

## Protanomaly

56.3681, 8.8331, 30.9531

## Deuteranomaly

56.3802, 16.6096, 32.5261

## Tritanomaly

56.9366, 44.5712, 25.0804

# Monochromacy



## Original Color

56.9388, 39.4308, 32.6335

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

53.9708, 9.3976, 16.5810

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.9388, 39.4308, 32.6335 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(244, 118, 50)` looks like.

```
.text, #text, p{  
    color:rgb(244, 118, 50)  
}
```

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(244, 118, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 118, 50) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.9388, 39.4308, 32.6335 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(244, 118, 50) }
```



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

```
.border{ border-color:rgb(244, 118, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 118, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 118, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 118, 50);  
box-shadow:4px 4px 4px 4px rgb(244, 118,  
50) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.9388, 39.4308, 32.6335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 118, 50) }
```

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

```
.background{ background-color: rgb(244,  
118, 50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor