

Converting Colors

HunterLab(57.4799, 40.3300,
33.5010)

Have a look what the booklet for
HunterLab(57.4799, 40.3300,
33.5010) contains.

HunterLab(57.3832, 40.5840, 33.3991)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(57.3832, 40.5840,
33.3991)**

Conversions

Conversions Part 1

Format	Color
Hex	F7762E
RGB	247, 118, 46
RGB Percent	97%, 46%, 18%
CMY	0.0314, 0.5372, 0.8196
CMYK	0.00, 0.52, 0.81, 0.03
HSL	21°, 93%, 57%
HSV	21°, 81%, 97%
XYZ	45.3294, 32.9283, 6.5514
YIQ	148.3630, 99.9960, 4.9560

Conversions

Conversions Part 2

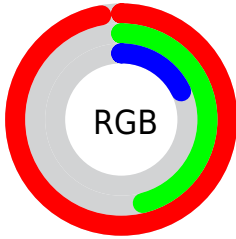
Format	Color
R _{YB}	247, 158, 46
Decimal	16217646
CIE Lab	64.10, 45.37, 59.74
CIE LCh	64, 75.014, 52.783
Yxy	32.9301, 0.5345, 0.3883
Android (android.graphics.Color)	4294407726 (0xFFFF7762E)
YUV	148.3630, -50.4650, 86.5046
Hunter-Lab	57.3832, 40.5840, 33.3991

Details

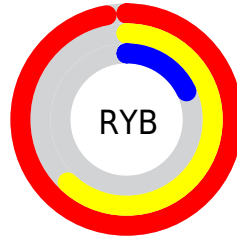
The HunterLab color **57.3832, 40.5840, 33.3991** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **61.6065, -11.4898, -46.9259**, and the grayscale version is **54.7351, -2.9205, 2.9739**.

A 20% lighter version of the original color is **71.8658, 18.7848, 35.0790**, and **37.2127, 37.6179, 23.5889** is the 20% darker color. If you saturate the color by 10%, you get **54.1876, 47.6833, 33.4325**, and if you desaturate by 10%, it is **61.0218, 33.5945, 32.4460**.

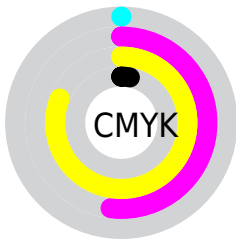
Distribution



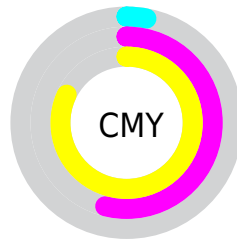
- Red (97%)
- Green (46%)
- Blue (18%)



- Red (97%)
- Yellow (62%)
- Blue (18%)



- Cyan (0%)
- Magenta (52%)
- Yellow (81%)
- Black (3%)





- Cyan (3%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.3832, 40.5840, 33.3991 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 57.3832, 40.5840, 33.3991 by changing the saturation by 10% instead.


 57.3832, 40.5840,
33.3991


 57.3832, 40.5840,
33.3991


177.5767, 49.9769,
66.4167


 46.9818, 39.0564,
28.9633


 80.1663, 43.2928,
41.6476


 37.2968, 37.4157,
24.2784


 92.4740, 44.4966,
45.5169


 28.3874, 35.6614,
19.8712


 105.3540, 45.6079,
49.2486

 20.3282, 33.8223,
14.2298

 118.7820, 46.6330,
52.8620

 13.2207, 32.0081,
9.2545

 132.7365, 47.5776,
56.3731

 6.7407, 34.5439,
4.7185

 147.1983, 48.4468,

0.0000, INF, NaN

59.7954

0.0000, NaN, NaN

162.1502, 49.2452,
63.1401

0.0000, NaN, NaN

■ 57.3832, 40.5840,
33.3991

■ 57.3832, 40.5840,
33.3991

■ 54.1876, 47.6833,
33.4325

■ 61.0218, 33.5945,
32.4460

■ 51.8011, 53.6863,
32.8595

■ 65.0601, 26.8971,
30.6067

■ 69.4594, 20.5858,
27.9655

■ 74.1812, 14.7064,
24.6209

■ 79.1899, 9.2684,
20.6698

84.4542, 4.2582,
16.2001

89.9466, -0.3503,
11.2872

95.6435, -4.5897,
5.9946

99.2542, -7.9397,
4.5066

Harmonies

Analogous

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



57.3848, 67.9412, 21.9271



57.3832, 40.5840, 33.3991



57.3848, 5.1264, 36.5362

Triad

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



57.3848, 40.5796, 33.3998



57.3848, -53.4241, 10.2013



57.3848, 23.6330, -85.0522

Complementary

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



57.3832, 40.5840, 33.3991



61.6065, -11.4898, -46.9259

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.



57.3848, -10.8212, -94.8265



57.3832, 40.5840, 33.3991



57.3848, -50.6333, -25.5129

Square

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



57.3848, 40.5796, 33.3998



57.3848, -45.3593, 28.9531



57.3848, -36.6228, -68.7369



57.3848, 56.7150, -46.6940

Rectangle

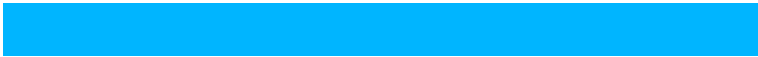
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.3832, 40.5840, 33.3991



57.3848, -16.4410, 36.3154



57.3848, -36.6228, -68.7369



57.3848, 11.6608, -92.4305

Sweetspot

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



57.3848, 40.5796, 33.3998



86.0911, 5.7578, 18.0808



49.8885, 81.7032, -17.0453



38.9259, 3.5175, 9.1353

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.3848, 40.5796, 33.3998



54.2109, 54.3771, 34.1963



83.3784, -9.7015, 49.3693



41.7780, -0.5420, 4.7337



37.9936, 38.1617, 24.0796



12.0660, 9.2310, 7.5966

Inverse Universe

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



61.6065, -11.4898, -46.9259



58.5959, -6.1132, -59.7290



35.3357, 41.7706, -125.1428



42.0723, -3.7567, -0.2720



41.0556, -4.3226, -41.9848



12.9437, -2.4899, -10.8035

Previews

White Background



This preview shows how the HunterLab color 57.3832, 40.5840, 33.3991 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 57.3832, 40.5840, 33.3991 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 57.3832, 40.5840, 33.3991 Background



This preview shows how black text looks on a background with the HunterLab color 57.3832, 40.5840, 33.3991.



This preview shows how white text looks on a background with the HunterLab color 57.3832, 40.5840,

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

57.3832, 40.5840, 33.3991

Protanopia

57.4988, -7.3110, 31.4446

Deuteranopia

57.4778, 3.9412, 33.8463



Tritanopia

57.4464, 49.7936, 18.5803

Trichromacy



Original Color

57.3832, 40.5840, 33.3991

Protanomaly

56.5787, 9.4535, 31.6245

Deuteranomaly

56.9955, 17.1883, 33.4245

Tritanomaly

57.3995, 45.7603, 25.7117

Monochromacy



Original Color

57.3832, 40.5840, 33.3991

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

54.0642, 9.6600, 16.9906

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.3832, 40.5840, 33.3991 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(247, 118, 46)` looks like.

```
.text, #text, p{  
    color:rgb(247, 118, 46)  
}
```

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(247, 118, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 118, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 57.3832, 40.5840, 33.3991 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(247, 118, 46) }
```


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

```
.border{ border-color:rgb(247, 118, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 118, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 118, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 118, 46);  
box-shadow:4px 4px 4px 4px rgb(247, 118,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.3832, 40.5840, 33.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 118, 46) }
```

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

```
.background{ background-color: rgb(247,  
118, 46) }
```

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