

Converting Colors

HunterLab(59.4882, 42.0743,
34.7106)

Have a look what the booklet for
HunterLab(59.4882, 42.0743,
34.7106) contains.

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Color

**HunterLab(59.4847, 42.0772,
34.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A2F
RGB	255, 122, 47
RGB Percent	100%, 48%, 18%
CMY	0.0000, 0.5215, 0.8157
CMYK	0.00, 0.52, 0.82, 0.00
HSL	22°, 100%, 59%
HSV	22°, 82%, 100%
XYZ	48.7126, 35.3843, 6.9517
YIQ	153.2170, 103.3430, 4.8710

Conversions

Conversions Part 2

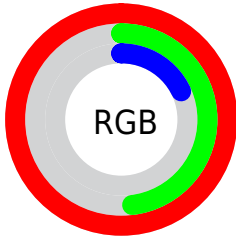
Format	Color
R _Y B	255, 164, 47
Decimal	16742959
CIE Lab	66.05, 46.48, 61.52
CIE LCh	66, 77.107, 52.931
Yxy	35.3862, 0.5350, 0.3886
Android (android.graphics.Color)	4294933039 (0xFFFF7A2F)
YUV	153.2170, -52.3650, 89.2637
Hunter-Lab	59.4847, 42.0772, 34.7103

Details

The HunterLab color **59.4847, 42.0772, 34.7103** 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 **63.6114, -11.5851, -49.1857**, and the grayscale version is **56.7057, -3.0257, 3.0809**.

A 20% lighter version of the original color is **73.2155, 16.2377, 35.8401**, and **39.1569, 39.1218, 24.8132** is the 20% darker color. If you saturate the color by 10%, you get **56.1810, 49.4351, 34.7091**, and if you desaturate by 10%, it is **63.2465, 34.8340, 33.7537**.

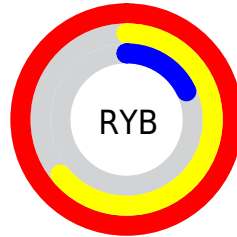
Distribution



Red (100%)

Green (48%)

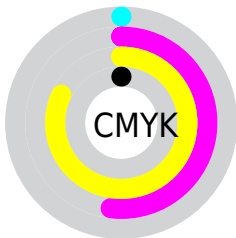
Blue (18%)



Red (100%)

Yellow (64%)

Blue (18%)

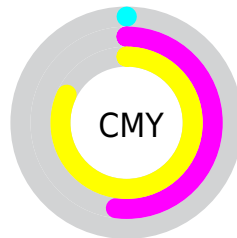


Cyan (0%)

Magenta (52%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.4847, 42.0772, 34.7103 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 59.4847, 42.0772, 34.7103 by changing the saturation by 10% instead.

59.4847, 42.0772,
34.7103

59.4847, 42.0772,
34.7103

180.6294, 51.6599,
68.3803

48.9495, 40.5322,
30.2018

82.5128, 44.8240,
43.1087

39.1208, 38.8758,
25.4473

94.9338, 46.0483,
47.0531

30.0554, 37.1065,
20.9522

107.9221, 47.1808,
50.8592

21.8241, 35.2495,
15.2768

121.4541, 48.2274,
54.5459

14.5218, 33.3991,
10.1653

135.5086, 49.1939,
58.1290

8.1828, 32.6876,
5.7280

150.0670, 50.0852,

0.0000, INF, NaN

61.6220

0.0000, NaN, NaN

165.1124, 50.9059,
65.0359

0.0000, NaN, NaN

■ 59.4847, 42.0772,
34.7103

■ 59.4847, 42.0772,
34.7103

■ 56.1810, 49.4351,
34.7091

■ 63.2465, 34.8340,
33.7537

■ 53.7647, 55.5218,
34.1016

■ 67.4220, 27.8948,
31.8714

■ 71.9713, 21.3576,
29.1490

■ 76.8547, 15.2702,
25.6887

■ 82.0355, 9.6424,
21.5913

87.4812, 4.4603,
16.9483

93.1636, -0.3032,
11.8389

99.0578, -4.6819,
6.3293

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.



59.4863, 70.6441, 22.8764



59.4847, 42.0772, 34.7103



59.4863, 5.1669, 37.9251

Triad

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



59.4863, 42.0726, 34.7110



59.4863, -55.5359, 10.4594



59.4863, 24.7893, -88.4865

Complementary

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



59.4847, 42.0772, 34.7103



63.6114, -11.5851, -49.1857

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.



59.4863, -11.0853, -98.8692



59.4847, 42.0772, 34.7103



59.4863, -52.5828, -26.7924

Square

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



59.4863, 42.0726, 34.7110



59.4863, -47.2176, 30.0157



59.4863, -37.9681, -71.8186



59.4863, 59.1896, -48.4131

Rectangle

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



59.4847, 42.0772, 34.7103



59.4863, -17.2402, 37.6851



59.4863, -37.9681, -71.8186



59.4863, 12.3271, -96.2382

Sweetspot

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



59.4863, 42.0726, 34.7110



86.1341, 5.6811, 18.1235



51.6515, 84.8926, -17.6119



38.9485, 3.4768, 9.1571

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.4863, 42.0726, 34.7110



54.3090, 54.1108, 34.2524



86.4111, -10.0187, 51.2253



43.6568, -0.5723, 4.9656



39.1931, 39.2363, 24.8375



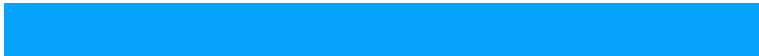
13.0153, 10.1974, 8.1985

Inverse Universe

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



63.6114, -11.5851, -49.1857



58.4132, -5.8186, -60.1357



36.4717, 43.6562, -130.5592



43.9488, -3.9176, -0.3062



42.1441, -4.1811, -43.6507



13.9166, -2.5106, -11.9749

Previews

White Background



This preview shows how the HunterLab color 59.4847, 42.0772, 34.7103 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 59.4847, 42.0772, 34.7103 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 59.4847, 42.0772, 34.7103 Background



This preview shows how black text looks on a background with the HunterLab color 59.4847, 42.0772, 34.7103.



This preview shows how white text looks on a background with the HunterLab color 59.4847, 42.0772,

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

59.4847, 42.0772, 34.7103

Protanopia

59.5722, -7.4514, 32.7251

Deuteranopia

59.6660, 4.2509, 35.2602



Tritanopia

59.5297, 49.4646, 18.5559

Trichromacy



Original Color

59.4847, 42.0772, 34.7103

Protanomaly

58.6429, 9.4143, 32.8950

Deuteranomaly

59.1795, 17.5788, 34.8508

Tritanomaly

59.4123, 46.0942, 26.3730

Monochromacy



Original Color

59.4847, 42.0772, 34.7103

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

56.1320, 9.7156, 17.9432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.4847, 42.0772, 34.7103 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, 122, 47)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 47)  
}
```

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, 122, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 59.4847, 42.0772, 34.7103 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, 122, 47) }
```


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

```
.border{ border-color:rgb(255, 122, 47) }
```

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

Here you see how a box with a 4 pixel rgb(255, 122, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 47);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.4847, 42.0772, 34.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 47) }
```

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

```
.background{ background-color: rgb(255,  
122, 47) }
```

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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