

Converting Colors

HunterLab(56.5133, 42.2770,
34.4398)

Have a look what the booklet for
HunterLab(56.5133, 42.2770,
34.4398) contains.

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Color

**HunterLab(56.4736, 42.0933,
34.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	F7721C
RGB	247, 114, 28
RGB Percent	97%, 45%, 11%
CMY	0.0314, 0.5529, 0.8902
CMYK	0.00, 0.54, 0.89, 0.03
HSL	24°, 93%, 54%
HSV	24°, 89%, 97%
XYZ	44.5848, 31.8927, 4.9046
YIQ	143.9630, 106.8740, 1.4500

Conversions

Conversions Part 2

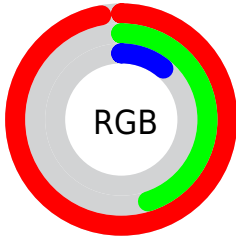
Format	Color
R _Y B	247, 170, 28
Decimal	16216604
CIE Lab	63.26, 46.88, 65.48
CIE LCh	63, 80.534, 54.402
Yxy	31.8945, 0.5478, 0.3919
Android (android.graphics.Color)	4294406684 (0xFFFF7721C)
YUV	143.9630, -57.1698, 90.3634
Hunter-Lab	56.4736, 42.0933, 34.3823

Details

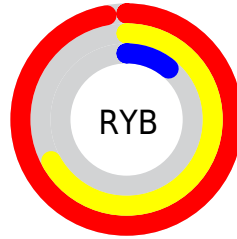
The HunterLab color **56.4736, 42.0933, 34.3823** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **56.9649, -5.6481, -56.5842**, and the grayscale version is **52.9890, -2.8274, 2.8790**.

A 20% lighter version of the original color is **70.6327, 19.9453, 37.0033**, and **36.6125, 39.2724, 23.2480** is the 20% darker color. If you saturate the color by 10%, you get **53.5786, 48.9557, 33.7670**, and if you desaturate by 10%, it is **59.7754, 35.2794, 34.1455**.

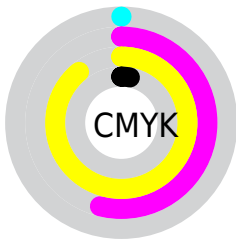
Distribution



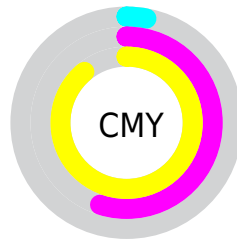
- Red (97%)
- Green (45%)
- Blue (11%)



- Red (97%)
- Yellow (67%)
- Blue (11%)



- Cyan (0%)
- Magenta (54%)
- Yellow (89%)
- Black (3%)



- Cyan (3%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4736, 42.0933, 34.3823 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 56.4736, 42.0933, 34.3823 by changing the saturation by 10% instead.

56.4736, 42.0933,
34.3823

56.4736, 42.0933,
34.3823

176.2493, 52.0126,
70.2875

46.1312, 40.5021,
29.5492

79.1490, 44.9281,
43.3823

36.5096, 38.7997,
24.5241

91.4068, 46.1933,
47.6013

27.6692, 36.9895,
19.3684

104.2392, 47.3647,
51.6659

19.6863, 35.1103,
13.7804

117.6215, 48.4483,
55.5965

12.6656, 33.3017,
8.8659

131.5321, 49.4500,
59.4103

6.0034, 39.0234,
4.2024

145.9516, 50.3750,

0.0000, INF, NaN

63.1222

0.0000, NaN, NaN

160.8625, 51.2278,
66.7444

0.0000, NaN, NaN

■ 56.4736, 42.0933,
34.3823

■ 56.4736, 42.0933,
34.3823

■ 53.5786, 48.9557,
33.7670

■ 59.7754, 35.2794,
34.1455

■ 53.2202, 49.8534,
33.6668

■ 63.4543, 28.7236,
32.9727

■ 67.4791, 22.5348,
30.9063

■ 71.8165, 16.7725,
28.0256

■ 76.4349, 11.4573,
24.4220

81.3053, 6.5846,
20.1859

86.4018, 2.1338,
15.3999

91.7018, -1.9237,
10.1366

97.1853, -5.6206,
4.4584

Harmonies

Analogous

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



56.4752, 72.8895, 23.7470



56.4736, 42.0933, 34.3823



56.4752, 3.7474, 36.9558

Triad

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



56.4752, 42.0888, 34.3830



56.4752, -55.8710, 9.0080



56.4752, 27.7935, -92.7716

Complementary

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



56.4736, 42.0933, 34.3823



56.9649, -5.6481, -56.5842

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.



56.4752, -9.4761, -106.0652



56.4736, 42.0933, 34.3823



56.4752, -52.4262, -30.5670

Square

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



56.4752, 42.0888, 34.3830



56.4752, -48.2287, 29.1962



56.4752, -37.2960, -78.4702



56.4752, 63.3193, -48.7934

Rectangle

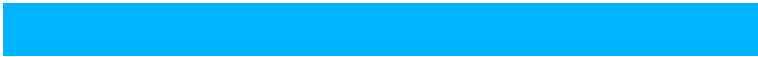
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.4736, 42.0933, 34.3823



56.4752, -18.9013, 36.6508



56.4752, -37.2960, -78.4702



56.4752, 14.8449, -101.7831

Sweetspot

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



56.4752, 42.0888, 34.3830



85.1441, 6.0523, 20.1647



48.2192, 83.6370, -11.4586



38.5736, 3.5649, 10.0705

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.4752, 42.0888, 34.3830



55.1382, 51.8135, 34.8830



84.7400, -12.3397, 51.2315



41.8928, -0.7370, 4.8585



39.0345, 35.3828, 24.6723



12.3825, 8.4592, 7.7781

Inverse Universe

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



56.9649, -5.6481, -56.5842



55.3304, -0.8612, -67.2990



30.9179, 53.0806, -148.7637



41.9542, -3.5645, -0.4149



39.2067, -1.2808, -46.2401



12.4532, -1.7302, -11.8304

Previews

White Background



This preview shows how the HunterLab color 56.4736, 42.0933, 34.3823 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 56.4736, 42.0933, 34.3823 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 56.4736, 42.0933, 34.3823 Background



This preview shows how black text looks on a background with the HunterLab color 56.4736, 42.0933, 34.3823.



This preview shows how white text looks on a background with the HunterLab color 56.4736, 42.0933,

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

56.4736, 42.0933, 34.3823

Protanopia

56.6881, -7.4508, 32.8826

Deuteranopia

56.5925, 3.5575, 34.9343



Tritanopia

56.4130, 51.7616, 19.2481

Trichromacy



Original Color

56.4736, 42.0933, 34.3823

Protanomaly

55.5519, 9.9153, 32.7892

Deuteranomaly

55.8733, 17.2973, 34.4270

Tritanomaly

56.2905, 47.5456, 27.1103

Monochromacy



Original Color

56.4736, 42.0933, 34.3823

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

52.4958, 9.6027, 18.3185

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4736, 42.0933, 34.3823 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, 114, 28)` looks like.

```
.text, #text, p{  
    color:rgb(247, 114, 28)  
}
```

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, 114, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 114, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4736, 42.0933, 34.3823 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, 114, 28) }
```


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

```
.border{ border-color:rgb(247, 114, 28) }
```

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

Here you see how a box with a 4 pixel rgb(247, 114, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 114, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 114, 28);  
box-shadow:4px 4px 4px 4px rgb(247, 114,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4736, 42.0933, 34.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 114, 28) }
```

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

```
.background{ background-color: rgb(247,  
114, 28) }
```

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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