

Converting Colors

HunterLab(49.5518, 43.0245,
31.4285)

Have a look what the booklet for
HunterLab(49.5518, 43.0245,
31.4285) contains.

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Color

**HunterLab(49.4969, 43.1983,
31.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	E45E00
RGB	228, 94, 0
RGB Percent	89%, 37%, 0%
CMY	0.1059, 0.6313, 1.0000
CMYK	0.00, 0.59, 1.00, 0.11
HSL	25°, 100%, 45%
HSV	25°, 100%, 89%
XYZ	35.9977, 24.4994, 2.8316
YIQ	123.3500, 110.0380, -0.8260

Conversions

Conversions Part 2

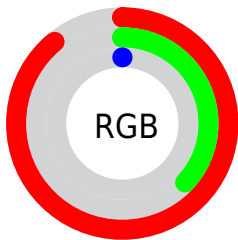
Format	Color
R_{YB}	228, 160, 0
Decimal	14966272
CIE _{Lab}	56.59, 48.89, 65.89
CIE _{LCh}	57, 82.046, 53.426
Yxy	24.5008, 0.5684, 0.3869
Android (android.graphics.Color)	4293156352 (0xFFE45E00)
YUV	123.3500, -60.8115, 91.7781
Hunter-Lab	49.4969, 43.1983, 31.2560

Details

The HunterLab color **49.4969, 43.1983, 31.2560** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **47.5927, 1.2064, -62.0905**, and the grayscale version is **44.8426, -2.3927, 2.4364**.

A 20% lighter version of the original color is **65.4381, 29.4659, 36.3073**, and **30.5672, 40.1473, 19.5382** is the 20% darker color. If you saturate the color by 10%, you get **49.4977, 43.1956, 31.2565**, and if you desaturate by 10%, it is **52.1111, 37.0782, 31.8490**.

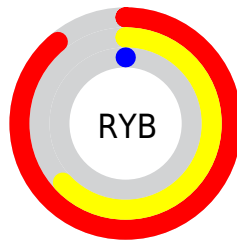
Distribution



Red (89%)

Green (37%)

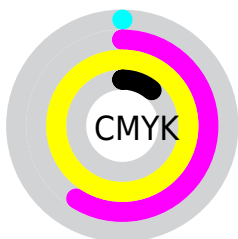
Blue (0%)



Red (89%)

Yellow (63%)

Blue (0%)

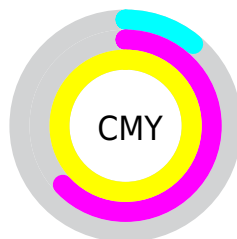


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4969, 43.1983, 31.2560 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 49.4969, 43.1983, 31.2560 by changing the saturation by 10% instead.

49.4969, 43.1983,
31.2560

49.4969, 43.1983,
31.2560

165.9346, 54.2596,
68.2064

39.6302, 41.4619,
26.2309

71.3066, 46.3203,
40.5929

30.5222, 39.6229,
21.3655

83.1656, 47.7224,
44.9525

22.2439, 37.7085,
15.5707

95.6177, 49.0253,
49.1411

14.8887, 35.8267,
10.4221

108.6359, 50.2354,
53.1815

8.5387, 34.7711,
5.9771

122.1964, 51.3587,
57.0930

0.0000, INF, NaN

0.0000, NaN, NaN

136.2785, 52.4006,

60.8920

0.0000, NaN, NaN

150.8635, 53.3661,
64.5926

0.0000, NaN, NaN

49.4969, 43.1983,
31.2560

49.4969, 43.1983,
31.2560

49.4977, 43.1956,
31.2565

52.1111, 37.0782,
31.8490

55.0600, 31.0332,
31.7313

58.3298, 25.2395,
30.7593

61.8945, 19.7897,
28.9599

65.7272, 14.7319,
26.3968

■ 69.8021, 10.0821,
23.1476

■ 74.0953, 5.8353,
19.2916

■ 78.5853, 1.9734,
14.9028

■ 83.2530, -1.5291,
10.0478

Harmonies

Analogous

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



49.4983, 73.7340, 21.7340



49.4969, 43.1983, 31.2560



49.4983, 5.1488, 33.2938

Triad

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



49.4983, 43.1940, 31.2566



49.4983, -52.6629, 9.3625



49.4983, 26.4562, -96.6187

Complementary

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



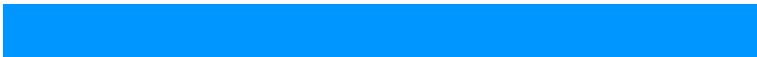
49.4969, 43.1983, 31.2560



47.5927, 1.2064, -62.0905

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.



49.4983, -9.9822, -109.2303



49.4969, 43.1983, 31.2560



49.4983, -49.8480, -29.3705

Square

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



49.4983, 43.1940, 31.2566



49.4983, -45.3120, 27.4185



49.4983, -36.1792, -79.0158



49.4983, 62.3725, -51.2871

Rectangle

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



49.4969, 43.1983, 31.2560



49.4983, -17.0692, 33.1289



49.4983, -36.1792, -79.0158



49.4983, 13.6499, -105.7024

Sweetspot

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



49.4983, 43.1940, 31.2566



84.0286, 6.7114, 21.9903



42.7720, 77.4569, -4.9917



37.9064, 4.0276, 11.0670

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4983, 43.1940, 31.2566



56.0279, 49.4769, 35.3903



77.6223, -11.9508, 47.6212



39.1652, -0.8010, 4.5841



37.9053, 32.0719, 23.9185



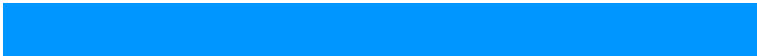
11.1407, 6.6829, 6.9818

Inverse Universe

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



47.5927, 1.2064, -62.0905



53.8412, 1.7042, -70.9757



24.9129, 58.9052, -158.2976



39.0997, -3.2178, -0.4443



36.4938, 0.3477, -46.3648



10.7989, -1.3585, -10.5652

Previews

White Background



This preview shows how the HunterLab color 49.4969, 43.1983, 31.2560 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4969, 43.1983, 31.2560 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.4969, 43.1983, 31.2560 Background



This preview shows how black text looks on a background with the HunterLab color 49.4969, 43.1983, 31.2560.



This preview shows how white text looks on a background with the HunterLab color 49.4969, 43.1983,

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

49.4969, 43.1983, 31.2560

Protanopia

49.8189, -6.8640, 29.6747

Deuteranopia

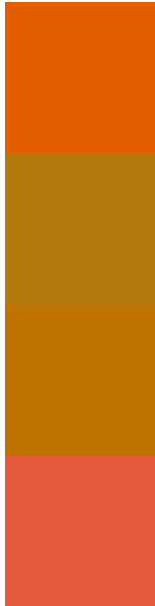
49.4683, 3.1471, 30.5373



Tritanopia

49.4264, 50.7999, 18.9231

Trichromacy



Original Color

49.4969, 43.1983, 31.2560

Protanomaly

48.5079, 10.6857, 29.5696

Deuteranomaly

48.6798, 17.4211, 30.3013

Tritanomaly

49.2809, 46.9016, 26.2097

Monochromacy



Original Color

49.4969, 43.1983, 31.2560

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.4021, 10.2044, 17.9146

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4969, 43.1983, 31.2560 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(228, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(228, 94, 0)  
}
```

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(228, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4969, 43.1983, 31.2560 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(228, 94, 0) }
```


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

```
.border{ border-color:rgb(228, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(228, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(228, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.4969, 43.1983, 31.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 94, 0) }
```

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

```
.background{ background-color: rgb(228, 94,  
0) }
```

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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