

Converting Colors

HunterLab(49.4991, 40.7612,
31.0082)

Have a look what the booklet for
HunterLab(49.4991, 40.7612,
31.0082) contains.

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Color

**HunterLab(49.5682, 40.5865,
31.0482)**

Conversions

Conversions Part 1

Format	Color
Hex	E16106
RGB	225, 97, 6
RGB Percent	88%, 38%, 2%
CMY	0.1177, 0.6196, 0.9765
CMYK	0.00, 0.57, 0.97, 0.12
HSL	25°, 95%, 45%
HSV	25°, 97%, 88%
XYZ	35.3589, 24.5701, 3.0511
YIQ	124.8980, 105.4990, -1.1650

Conversions

Conversions Part 2

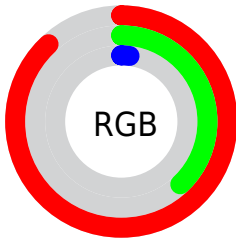
Format	Color
R_{YB}	225, 162, 6
Decimal	14770438
CIE _{Lab}	56.66, 46.43, 64.52
CIE _{LCh}	57, 79.490, 54.257
Yxy	24.5715, 0.5614, 0.3901
Android (android.graphics.Color)	4292960518 (0xFFE16106)
YUV	124.8980, -58.6167, 87.7895
Hunter-Lab	49.5682, 40.5865, 31.0482

Details

The HunterLab color **49.5682, 40.5865, 31.0482** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **47.4592, 0.4060, -59.7397**, and the grayscale version is **45.4400, -2.4246, 2.4688**.

A 20% lighter version of the original color is **66.1896, 28.0426, 36.3779**, and **30.7941, 37.7018, 19.6352** is the 20% darker color. If you saturate the color by 10%, you get **48.9122, 42.1668, 30.8777**, and if you desaturate by 10%, it is **52.2300, 34.5687, 31.5058**.

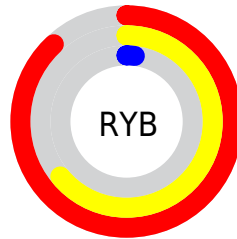
Distribution



Red (88%)

Green (38%)

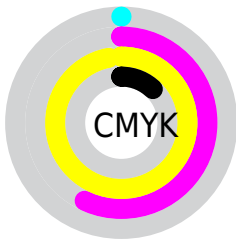
Blue (2%)



Red (88%)

Yellow (64%)

Blue (2%)

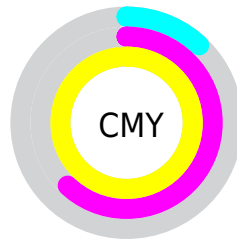


Cyan (0%)

Magenta (57%)

Yellow (97%)

Black (12%)



Cyan (12%)

Magenta (62%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5682, 40.5865, 31.0482 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 49.5682, 40.5865, 31.0482 by changing the saturation by 10% instead.

49.5682, 40.5865, 31.0482

49.5682, 40.5865, 31.0482

166.0413, 50.8933, 67.3039

39.6964, 38.9345, 26.1132

71.3871, 43.5345, 40.2077

30.5829, 37.1731, 21.4080

83.2504, 44.8497, 44.4832

22.2985, 35.3211, 15.6089

95.7065, 46.0667, 48.5915

14.9364, 33.4652, 10.4555

108.7285, 47.1922, 52.5550

8.5837, 32.2796, 6.0086

122.2928, 48.2324, 56.3930

0.0000, INF, NaN

0.0000, NaN, NaN

136.3784, 49.1927,

60.1217

0.0000, NaN, NaN

150.9668, 50.0782,
63.7548

0.0000, NaN, NaN

49.5682, 40.5865,
31.0482

49.5682, 40.5865,
31.0482

48.9122, 42.1668,
30.8777

52.2300, 34.5687,
31.5058

55.2168, 28.7027,
31.1634

58.5088, 23.1182,
29.9810

62.0805, 17.8911,
27.9972

65.9060, 13.0574,
25.2791

■ 69.9609, 8.6259,
21.9037

■ 74.2227, 4.5871,
17.9476

■ 78.6712, 0.9207,
13.4815

■ 83.2885, -2.3994,
8.5685

Harmonies

Analogous

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



49.5696, 70.2917, 21.7678



49.5682, 40.5865, 31.0482



49.5696, 3.9252, 33.0958

Triad

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



49.5696, 40.5824, 31.0488



49.5696, -51.6282, 8.4156



49.5696, 26.5002, -91.1716

Complementary

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



49.5682, 40.5865, 31.0482



47.4592, 0.4060, -59.7397

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.



49.5696, -8.8948, -104.2388



49.5682, 40.5865, 31.0482



49.5696, -48.5641, -29.4201

Square

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



49.5696, 40.5824, 31.0488



49.5696, -44.6519, 26.7231



49.5696, -34.7840, -76.5837



49.5696, 60.7729, -47.7091

Rectangle

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



49.5682, 40.5865, 31.0482



49.5696, -17.4530, 32.8728



49.5696, -34.7840, -76.5837



49.5696, 14.1295, -100.1013

Sweetspot

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



49.5696, 40.5824, 31.0488



84.6022, 6.1234, 21.5832



42.3739, 76.0655, -5.8843



38.1603, 3.7491, 10.9041

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5696, 40.5824, 31.0488



56.1792, 49.0844, 35.4767



76.6678, -12.0219, 46.8986



38.2513, -0.8021, 4.4805



37.4228, 31.2580, 23.6070



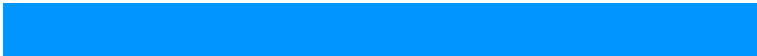
10.6977, 6.1871, 6.7002

Inverse Universe

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



47.4592, 0.4060, -59.7397



53.5963, 2.1329, -71.5951



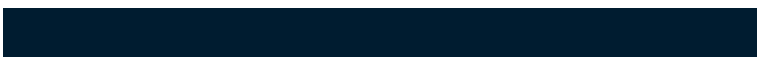
25.1015, 56.1870, -151.8030



38.1676, -3.1229, -0.4393



35.7771, 0.5797, -45.9697



10.3089, -1.3204, -10.0348

Previews

White Background



This preview shows how the HunterLab color 49.5682, 40.5865, 31.0482 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 49.5682, 40.5865, 31.0482 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 49.5682, 40.5865, 31.0482 Background



This preview shows how black text looks on a background with the HunterLab color 49.5682, 40.5865, 31.0482.



This preview shows how white text looks on a background with the HunterLab color 49.5682, 40.5865,

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

49.5682, 40.5865, 31.0482

Protanopia

49.8189, -6.8640, 29.6747

Deuteranopia

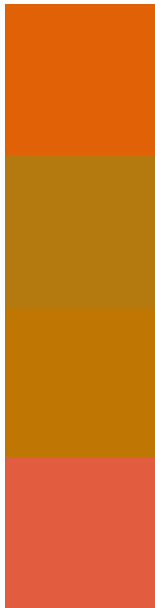
49.7352, 2.6738, 30.6934



Tritanopia

49.4851, 48.4744, 18.0821

Trichromacy



Original Color

49.5682, 40.5865, 31.0482

Protanomaly

48.6413, 9.8334, 29.5472

Deuteranomaly

49.0282, 16.0520, 30.4225

Tritanomaly

49.3521, 44.4760, 25.5396

Monochromacy



Original Color

49.5682, 40.5865, 31.0482

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.2192, 9.0983, 17.5565

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5682, 40.5865, 31.0482 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(225, 97, 6)` looks like.

```
.text, #text, p{  
    color:rgb(225, 97, 6)  
}
```

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(225, 97, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 97, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5682, 40.5865, 31.0482 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(225, 97, 6) }
```


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

```
.border{ border-color:rgb(225, 97, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 97, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 97, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 97, 6);  
box-shadow:4px 4px 4px 4px rgb(225, 97, 6)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.5682, 40.5865, 31.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 97, 6) }
```

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

```
.background{ background-color: rgb(225, 97,  
6) }
```

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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