

Converting Colors

HunterLab(49.9420, 66.8124,
31.4366)

Have a look what the booklet for
HunterLab(49.9420, 66.8124,
31.4366) contains.

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Color

**HunterLab(49.9585, 66.7557,
31.4598)**

Conversions

Conversions Part 1

Format	Color
Hex	FF400E
RGB	255, 64, 14
RGB Percent	100%, 25%, 5%
CMY	0.0000, 0.7490, 0.9451
CMYK	0.00, 0.75, 0.95, 0.00
HSL	12°, 100%, 53%
HSV	12°, 95%, 100%
XYZ	43.1527, 24.9585, 2.9585
YIQ	115.4090, 129.8860, 24.9420

Conversions

Conversions Part 2

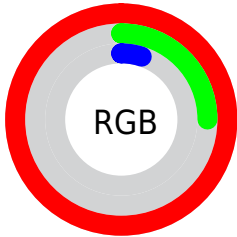
Format	Color
R_{YB}	255, 77, 14
Decimal	16728078
CIE _{Lab}	57.04, 69.48, 65.80
CIE _{LCh}	57, 95.690, 43.440
Yxy	24.9600, 0.6072, 0.3512
Android (android.graphics.Color)	4294918158 (0xFFFF400E)
YUV	115.4090, -49.9946, 122.4213
Hunter-Lab	49.9585, 66.7557, 31.4598

Details

The HunterLab color **49.9585, 66.7557, 31.4598** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **71.3930, -24.7801, -35.0104**, and the grayscale version is **41.7172, -2.2259, 2.2666**.

A 20% lighter version of the original color is **60.3071, 41.5054, 32.1909**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **48.7838, 70.1690, 31.2888**, and if you desaturate by 10%, it is **52.7115, 59.4703, 31.3133**.

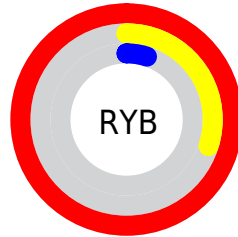
Distribution



Red (100%)

Green (25%)

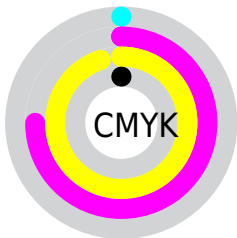
Blue (5%)



Red (100%)

Yellow (30%)

Blue (5%)

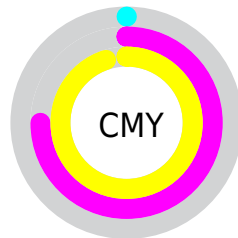


Cyan (0%)

Magenta (75%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9585, 66.7557, 31.4598 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 49.9585, 66.7557, 31.4598 by changing the saturation by 10% instead.

49.9585, 66.7557,
31.4598

49.9585, 66.7557,
31.4598

166.6250, 83.5132,
68.3033

40.0591, 64.4672,
26.4522

71.8278, 71.1126,
40.7647

30.9154, 62.1803,
21.6408

83.7143, 73.1589,
45.1103

22.5979, 60.0232,
15.8185

96.1924, 75.1097,
49.2863

15.1986, 58.3446,
10.6390

109.2355, 76.9662,
53.3152

8.8260, 58.4857,
6.1782

122.8200, 78.7312,
57.2163


0.0000, INF, NaN

0.0000, INF, NaN


136.9251, 80.4082,

61.0058


0.0000, NaN, NaN


 151.5324, 82.0009,
64.6975


0.0000, NaN, NaN


 49.9585, 66.7557,
31.4598


 49.9585, 66.7557,
31.4598

 48.7838, 70.1690,
31.2888

 52.7115, 59.4703,
31.3133

 56.2398, 51.3497,
30.2810

 60.4836, 42.8790,
28.4282

 65.3644, 34.4278,
25.8918

 70.8013, 26.2318,
22.8199

76.7191, 18.4154,
19.3419

83.0521, 11.0259,
15.5597

89.7444, 4.0631,
11.5494

96.7495, -2.4986,
7.3655

Harmonies

Analogous

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



49.9600, 96.9211, 16.9681



49.9585, 66.7557, 31.4598



49.9600, 21.3250, 34.4229

Triad

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



49.9600, 66.7502, 31.4605



49.9600, -57.2656, 19.4646



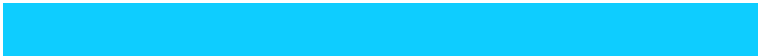
49.9600, 16.5952, -134.6670

Complementary

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



49.9585, 66.7557, 31.4598



71.3930, -24.7801, -35.0104

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.



49.9600, -22.8448, -131.5524



49.9585, 66.7557, 31.4598



49.9600, -57.8094, -17.5657

Square

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



49.9600, 66.7502, 31.4605



49.9600, -45.4802, 32.0673



49.9600, -47.3148, -78.8522



49.9600, 62.3581, -85.5412

Rectangle

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



49.9585, 66.7557, 31.4598



49.9600, -7.2220, 34.7379



49.9600, -47.3148, -78.8522



49.9600, 2.0543, -140.4200

Sweetspot

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



49.9600, 66.7502, 31.4605



80.7980, 13.5566, 16.9096



51.0580, 94.6610, -35.2812



36.1211, 7.7528, 8.5753

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9600, 66.7502, 31.4605



48.7840, 70.1693, 31.2889



74.1856, 10.1895, 45.5591



43.1249, 0.3384, 4.3834



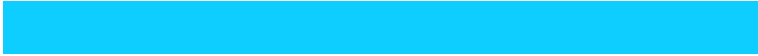
35.5042, 49.9680, 22.7523



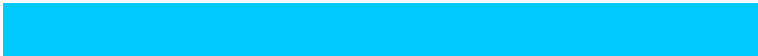
11.7277, 13.6466, 7.4654

Inverse Universe

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



71.3930, -24.7801, -35.0104



70.3558, -23.6942, -36.7895



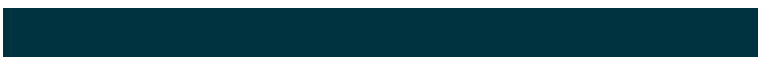
37.4395, 37.3816, -126.0972



44.5012, -4.8105, 0.3578



51.0753, -17.4278, -26.2181



16.4112, -6.0820, -7.3832

Previews

White Background



This preview shows how the HunterLab color 49.9585, 66.7557, 31.4598 looks on a white background.

Color Contrast Check

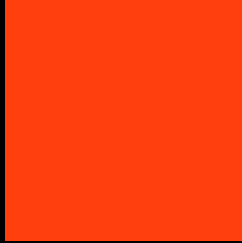
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9585, 66.7557, 31.4598 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 49.9585, 66.7557, 31.4598 Background



This preview shows how black text looks on a background with the HunterLab color 49.9585, 66.7557, 31.4598.



This preview shows how white text looks on a background with the HunterLab color 49.9585, 66.7557,

31.4598.

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

49.9585, 66.7557, 31.4598

Protanopia

50.1622, -6.9940, 28.9985

Deuteranopia

49.8493, 3.0578, 30.7704



Tritanopia

49.9563, 69.1003, 26.4113

Trichromacy



Original Color

49.9585, 66.7557, 31.4598

Protanomaly

47.4599, 19.8788, 28.2972

Deuteranomaly

47.9745, 26.9596, 29.8562

Tritanomaly

49.8946, 68.0795, 28.9866

Monochromacy



Original Color

49.9585, 66.7557, 31.4598

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.2587, 19.8792, 15.4137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9585, 66.7557, 31.4598 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, 64, 14)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 14)  
}
```

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, 64, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9585, 66.7557, 31.4598 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, 64, 14) }
```


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

```
.border{ border-color:rgb(255, 64, 14) }
```

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

Here you see how a box with a 4 pixel rgb(255, 64, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 14);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
14) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9585, 66.7557, 31.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 14) }
```

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

```
.background{ background-color: rgb(255, 64,  
14) }
```

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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