

Converting Colors

HunterLab(65.7149, 26.7977,
40.9611)

Have a look what the booklet for
HunterLab(65.7149, 26.7977,
40.9611) contains.

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Color

**HunterLab(65.6298, 26.9756,
40.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9600
RGB	255, 150, 0
RGB Percent	100%, 59%, 0%
CMY	0.0000, 0.4117, 0.9999
CMYK	0.00, 0.41, 1.00, 0.00
HSL	35°, 100%, 50%
HSV	35°, 100%, 100%
XYZ	52.1464, 43.0727, 5.5655
YIQ	164.2950, 110.7300, -24.3900

Conversions

Conversions Part 2

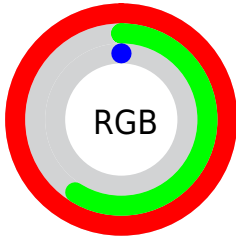
Format	Color
RYB	179, 255, 0
Decimal	16750080
CIELab	71.61, 31.71, 76.82
CIELCh	72, 83.106, 67.567
Yxy	43.0750, 0.5174, 0.4274
Android (android.graphics.Color)	4294940160 (0xFFFF9600)
YUV	164.2950, -80.9974, 79.5483
Hunter-Lab	65.6298, 26.9756, 40.9130

Details

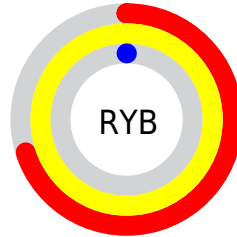
The HunterLab color **65.6298, 26.9756, 40.9130** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **41.6226, 26.2352, -108.6577**, and the grayscale version is **61.3426, -3.2731, 3.3329**.

A 20% lighter version of the original color is **80.9064, 0.5205, 44.7180**, and **44.5104, 25.7873, 27.8785** is the 20% darker color. If you saturate the color by 10%, you get **65.6301, 26.9743, 40.9132**, and if you desaturate by 10%, it is **68.3009, 21.8071, 41.6446**.

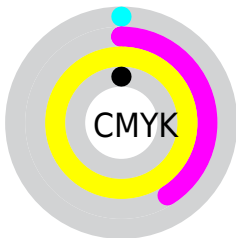
Distribution



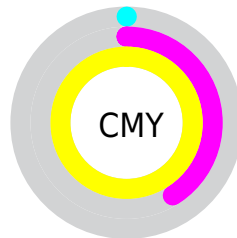
- Red (100%)
- Green (59%)
- Blue (0%)



- Red (70%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.6298, 26.9756, 40.9130 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 65.6298, 26.9756, 40.9130 by changing the saturation by 10% instead.


 65.6298, 26.9756,
40.9130


 65.6298, 26.9756,
40.9130


189.4519, 31.5043,
81.1963


 54.7211, 26.0648,
35.5758


 89.3443, 28.4950,
50.9373

 44.4928, 25.0482,
30.0122

 102.0837, 29.1288,
55.6641


 34.9955, 23.9097,
24.4969


 115.3769, 29.6864,
60.2287

 26.2908, 22.6376,
18.4035

 129.2017, 30.1734,
64.6498

 18.4585, 21.2257,
12.9209

 143.5385, 30.5947,
68.9438

 11.6095, 19.6986,
8.1267

 158.3695, 30.9545,

 4.2164, 32.7240,

73.1249

2.9514

173.6788, 31.2567,
77.2055

0.0000, NaN, NaN

0.0000, NaN, NaN

65.6298, 26.9756,
40.9130

65.6298, 26.9756,
40.9130

65.6301, 26.9743,
40.9132

68.3009, 21.8071,
41.6446

71.1530, 16.9762,
41.5302

74.1910, 12.5722,
40.3969

77.4090, 8.6313,
38.2194

80.7989, 5.1673,

35.0155

■ 84.3515, 2.1791,
30.8279

■ 88.0573, -0.3451,
25.7125

■ 91.9070, -2.4236,
19.7317

■ 95.8914, -4.0791,
12.9495

Harmonies

Analogous

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



65.6315, 65.5251, 33.5077



65.6298, 26.9756, 40.9130



65.6315, -12.9091, 41.9620

Triad

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



65.6315, 26.9714, 40.9137



65.6315, -61.6405, -6.3207



65.6315, 47.6018, -79.5520

Complementary

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



65.6298, 26.9756, 40.9130



41.6226, 26.2352, -108.6577

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.



65.6315, 6.4594, -110.4414



65.6298, 26.9756, 40.9130



65.6315, -52.2047, -54.9702

Square

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



65.6315, 26.9714, 40.9137



65.6315, -58.5741, 25.0490



65.6315, -29.2700, -99.5210



65.6315, 79.2114, -29.1107

Rectangle

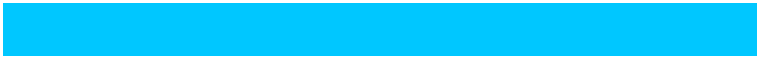
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6298, 26.9756, 40.9130



65.6315, -34.1813, 40.2467



65.6315, -29.2700, -99.5210



65.6315, 34.1012, -93.5782

Sweetspot

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



65.6315, 26.9714, 40.9137



88.0555, -0.3438, 25.7157



47.2294, 83.0947, 13.3511



40.0073, 0.3077, 12.9455

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.6315, 26.9714, 40.9137



65.6303, 26.9744, 40.9133



94.3237, -33.3361, 57.5380



44.4558, -1.9199, 5.8284



47.7579, 18.8282, 29.7578



15.6081, 4.4261, 9.6951

Inverse Universe

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



41.6226, 26.2352, -108.6577



41.6205, 26.2399, -108.6665



27.1709, 73.0996, -188.4210



43.1349, -2.5825, -1.2997



30.5423, 17.9068, -76.8309



10.5698, 3.3429, -20.4278

Previews

White Background



This preview shows how the HunterLab color 65.6298, 26.9756, 40.9130 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 65.6298, 26.9756, 40.9130 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 65.6298, 26.9756, 40.9130 Background



This preview shows how black text looks on a background with the HunterLab color 65.6298, 26.9756, 40.9130.



This preview shows how white text looks on a background with the HunterLab color 65.6298, 26.9756,

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

65.6298, 26.9756, 40.9130

Protanopia

65.6559, -9.0300, 39.7011

Deuteranopia

65.7016, 4.4075, 40.5622



Tritanopia

65.7053, 39.1325, 14.3671

Trichromacy



Original Color

65.6298, 26.9756, 40.9130

Protanomaly

65.3656, 3.3206, 39.9907

Deuteranomaly

65.5608, 12.3532, 40.6145

Tritanomaly

65.3306, 32.3297, 30.5588

Monochromacy



Original Color

65.6298, 26.9756, 40.9130

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.3727, 2.8947, 25.2160

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.6298, 26.9756, 40.9130 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, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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(255, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 65.6298, 26.9756, 40.9130 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, 150, 0) }
```


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

```
.border{ border-color:rgb(255, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.6298, 26.9756, 40.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 0) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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