

Converting Colors

HunterLab(64.6054, 29.1740,
40.3203)

Have a look what the booklet for
HunterLab(64.6054, 29.1740,
40.3203) contains.

HunterLab(64.6667, 29.0414, 40.3557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.6667, 29.0414,
40.3557)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9200
RGB	255, 146, 0
RGB Percent	100%, 57%, 0%
CMY	0.0000, 0.4274, 0.9999
CMYK	0.00, 0.43, 1.00, 0.00
HSL	34°, 100%, 50%
HSV	34°, 100%, 100%
XYZ	51.5189, 41.8178, 5.3563
YIQ	161.9470, 111.8300, -22.2980

Conversions

Conversions Part 2

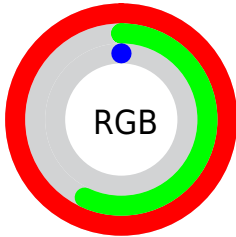
Format	Color
R_{YB}	190, 255, 0
Decimal	16749056
CIE Lab	70.75, 33.77, 76.28
CIE LCh	71, 83.418, 66.121
Yxy	41.8201, 0.5220, 0.4237
Android (android.graphics.Color)	4294939136 (0xFFFF9200)
YUV	161.9470, -79.8399, 81.6075
Hunter-Lab	64.6667, 29.0414, 40.3557

Details

The HunterLab color **64.6667, 29.0414, 40.3557** 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 **42.6127, 23.9473, -104.9563**, and the grayscale version is **60.3736, -3.2214, 3.2802**.

A 20% lighter version of the original color is **79.7214, 2.5127, 44.0828**, and **43.6827, 27.7089, 27.4022** is the 20% darker color. If you saturate the color by 10%, you get **64.6670, 29.0401, 40.3559**, and if you desaturate by 10%, it is **67.3906, 23.6735, 41.1053**.

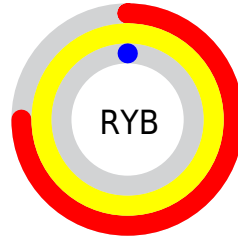
Distribution



Red (100%)

Green (57%)

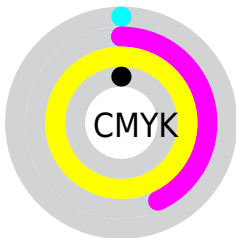
Blue (0%)



Red (75%)

Yellow (100%)

Blue (0%)

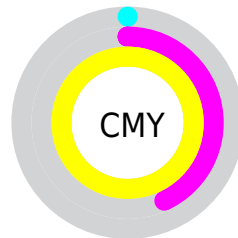


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6667, 29.0414, 40.3557 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 64.6667, 29.0414, 40.3557 by changing the saturation by 10% instead.


 64.6667, 29.0414,
40.3557


 64.6667, 29.0414,
40.3557


188.0788, 34.2939,
80.4950


 53.8149, 28.0369,
35.0308

 88.2764, 30.7392,
50.3520


 43.6473, 26.9238,
29.4879


 100.9671, 31.4580,
55.0633


 34.2156, 25.6868,
23.9509


 114.2136, 32.0978,
59.6118

 25.5823, 24.3163,
17.9076

 127.9936, 32.6647,
64.0164

 17.8295, 22.8126,
12.4807

 142.2871, 33.1636,
68.2936

 11.0718, 21.2213,
7.7503

 157.0763, 33.5989,

 2.8751, 51.1178,

72.4577

2.0126

172.3450, 33.9746,
76.5213

0.0000, NaN, NaN

0.0000, NaN, NaN

64.6667, 29.0414,
40.3557

64.6667, 29.0414,
40.3557

64.6670, 29.0401,
40.3559

67.3906, 23.6735,
41.1053

70.3087, 18.6367,
41.0077

73.4246, 14.0247,
39.8923

76.7308, 9.8758,
37.7382

80.2179, 6.2048,

34.5681

■ 83.8754, 3.0103,
30.4289

■ 87.6927, 0.2801,
25.3802

■ 91.6594, -2.0050,
19.4871

■ 95.7656, -3.8686,
12.8154

Harmonies

Analogous

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



64.6684, 67.1940, 32.6433



64.6667, 29.0414, 40.3557



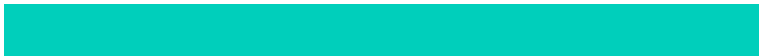
64.6684, -11.0991, 41.5782

Triad

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



64.6684, 29.0371, 40.3564



64.6684, -61.4686, -4.3800



64.6684, 45.7760, -82.1454

Complementary

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



64.6667, 29.0414, 40.3557



42.6127, 23.9473, -104.9563

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.



64.6684, 4.5636, -111.5730



64.6667, 29.0414, 40.3557



64.6684, -52.7230, -52.6807

Square

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



64.6684, 29.0371, 40.3564



64.6684, -57.8338, 25.8934



64.6684, -30.5760, -98.4683



64.6684, 78.3216, -31.6221

Rectangle

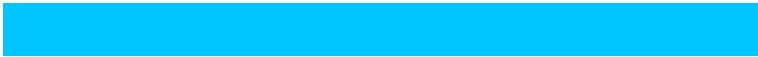
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.6667, 29.0414, 40.3557



64.6684, -32.7121, 40.0738



64.6684, -30.5760, -98.4683



64.6684, 32.1551, -95.8507

Sweetspot

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



64.6684, 29.0371, 40.3564



87.6909, 0.2815, 25.3833



47.3255, 83.4469, 11.9593



39.8165, 0.6371, 12.7776

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6684, 29.0371, 40.3564



64.6672, 29.0402, 40.3560



94.7083, -31.8862, 57.8003



44.4004, -1.8273, 5.7690



47.0675, 20.2972, 29.3581



15.4074, 4.8301, 9.5786

Inverse Universe

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



42.6127, 23.9473, -104.9563



42.6108, 23.9516, -104.9644



27.0916, 73.0416, -189.0753



43.1907, -2.6748, -1.2310



31.2559, 16.2883, -74.2288



10.7828, 2.9154, -19.7709

Previews

White Background



This preview shows how the HunterLab color 64.6667, 29.0414, 40.3557 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 64.6667, 29.0414, 40.3557 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 64.6667, 29.0414, 40.3557 Background



This preview shows how black text looks on a background with the HunterLab color 64.6667, 29.0414, 40.3557.



This preview shows how white text looks on a background with the HunterLab color 64.6667, 29.0414,

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

64.6667, 29.0414, 40.3557

Protanopia

64.8524, -8.8254, 39.2022

Deuteranopia

64.7845, 4.1912, 39.9933



Tritanopia

64.7019, 40.7625, 14.9091

Trichromacy



Original Color

64.6667, 29.0414, 40.3557

Protanomaly

64.2897, 4.0040, 39.3340

Deuteranomaly

64.5054, 13.0389, 39.9762

Tritanomaly

64.3538, 34.2036, 30.4969

Monochromacy



Original Color

64.6667, 29.0414, 40.3557

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.4086, 3.9157, 24.6977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6667, 29.0414, 40.3557 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, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 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, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6667, 29.0414, 40.3557 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, 146, 0) }
```


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

```
.border{ border-color:rgb(255, 146, 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, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6667, 29.0414, 40.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 0) }
```

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

```
.background{ background-color: rgb(255,  
146, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor