

Converting Colors

HunterLab(65.1062, 29.4047,
37.7807)

Have a look what the booklet for
HunterLab(65.1062, 29.4047,
37.7807) contains.

HunterLab(65.0895, 29.4408, 37.7704)	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(65.0895, 29.4408,
37.7704)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9333
RGB	255, 147, 51
RGB Percent	100%, 58%, 20%
CMY	0.0000, 0.4235, 0.8000
CMYK	0.00, 0.42, 0.80, 0.00
HSL	28°, 100%, 60%
HSV	28°, 80%, 100%
XYZ	52.2712, 42.3664, 8.5545
YIQ	168.3480, 95.1840, -6.9600

Conversions

Conversions Part 2

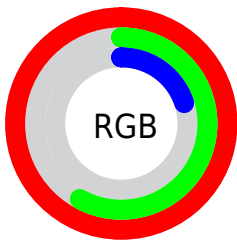
Format	Color
R_{YB}	255, 232, 51
Decimal	16749363
CIE _{Lab}	71.12, 34.11, 64.55
CIE _{LCh}	71, 73.013, 62.144
Yxy	42.3687, 0.5065, 0.4106
Android (android.graphics.Color)	4294939443 (0xFFFF9333)
YUV	168.3480, -57.8526, 75.9938
Hunter-Lab	65.0895, 29.4408, 37.7704

Details

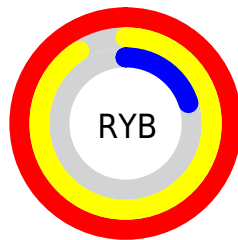
The HunterLab color **65.0895, 29.4408, 37.7704** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **57.1997, -0.8245, -62.8324**, and the grayscale version is **62.9243, -3.3575, 3.4188**.

A 20% lighter version of the original color is **80.3250, 3.6766, 39.6955**, and **44.0351, 27.6445, 27.6182** is the 20% darker color. If you saturate the color by 10%, you get **61.8440, 35.7353, 37.8244**, and if you desaturate by 10%, it is **68.6340, 23.5053, 36.7174**.

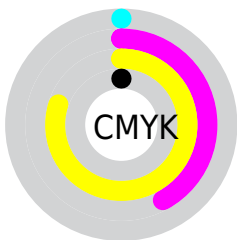
Distribution



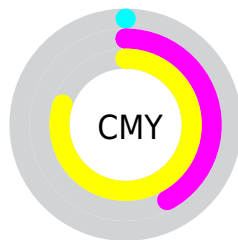
- Red (100%)
- Green (58%)
- Blue (20%)



- Red (100%)
- Yellow (91%)
- Blue (20%)



- Cyan (0%)
- Magenta (42%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.0895, 29.4408, 37.7704 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 65.0895, 29.4408, 37.7704 by changing the saturation by 10% instead.


 65.0895, 29.4408,
37.7704


 65.0895, 29.4408,
37.7704

188.6820, 34.7808,
72.3360


 54.2126, 28.4263,
33.1811


 88.7453, 31.1588,
46.3522


 44.0183, 27.3032,
28.3553


 101.4574, 31.8876,
50.3952


 34.5577, 26.0566,
23.4286


 114.7245, 32.5373,
54.3023

 25.8929, 24.6770,
18.1251


 128.5242, 33.1140,
58.0915

 18.1051, 23.1650,
12.6736

 142.8367, 33.6225,
61.7776

 11.3071, 21.5655,
7.9150

 157.6443, 34.0673,

 3.5281, 42.1892,

65.3735

2.4697

172.9309, 34.4522,
68.8899

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.0895, 29.4408,
37.7704

■ 65.0895, 29.4408,
37.7704

■ 61.8440, 35.7353,
37.8244

■ 68.6340, 23.5053,
36.7174

■ 58.9025, 42.2519,
37.0350

■ 72.4524, 18.0119,
34.6729

■ 58.9022, 42.2527,
37.0349


■ 76.5249, 12.9892,
31.6917

■ 80.8301, 8.4431,
27.8483

■ 85.3479, 4.3624,

23.2235

 90.0598, 0.7249,
17.8974

 94.9489, -2.4976,
11.9445

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



65.0912, 60.5327, 28.4398



65.0895, 29.4408, 37.7704



65.0912, -5.8692, 39.8482

Triad

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



65.0912, 29.4366, 37.7711



65.0912, -56.1479, 1.2085



65.0912, 34.4615, -72.6186

Complementary

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



65.0895, 29.4408, 37.7704



57.1997, -0.8245, -62.8324

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.



65.0912, -1.0489, -92.2435



65.0895, 29.4408, 37.7704



65.0912, -49.5296, -38.2153

Square

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



65.0912, 29.4366, 37.7711



65.0912, -51.1969, 26.1631



65.0912, -30.9217, -77.2457



65.0912, 63.8221, -32.0810

Rectangle

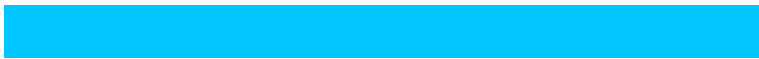
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.0895, 29.4408, 37.7704



65.0912, -26.0203, 38.5805



65.0912, -30.9217, -77.2457



65.0912, 22.6258, -82.5960

Sweetspot

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



65.0912, 29.4366, 37.7711



88.1527, 2.1289, 20.1078



51.1457, 80.6387, -5.5203



40.0090, 1.5899, 10.1726

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.0912, 29.4366, 37.7711



60.0442, 39.6427, 37.4038



94.2105, -21.8836, 55.6977



44.0417, -1.2245, 5.3830



42.9211, 29.7126, 26.9679



14.1784, 7.4479, 8.8671

Inverse Universe

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



57.1997, -0.8245, -62.8324



50.9718, 7.1914, -78.5124



33.0607, 55.0856, -148.3291



43.5543, -3.2735, -0.7854



36.2317, 6.1037, -58.4626



12.2353, 0.2260, -15.7810

Previews

White Background



This preview shows how the HunterLab color 65.0895, 29.4408, 37.7704 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 65.0895, 29.4408, 37.7704 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 65.0895, 29.4408, 37.7704 Background



This preview shows how black text looks on a background with the HunterLab color 65.0895, 29.4408, 37.7704.



This preview shows how white text looks on a background with the HunterLab color 65.0895, 29.4408,

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

65.0895, 29.4408, 37.7704

Protanopia

65.2438, -8.5729, 36.4151

Deuteranopia

65.2030, 4.4445, 38.0888



Tritanopia

64.9755, 40.4736, 14.4168

Trichromacy



Original Color

65.0895, 29.4408, 37.7704

Protanomaly

64.7594, 4.5328, 36.6746

Deuteranomaly

64.9287, 13.3589, 37.7868

Tritanomaly

64.8998, 35.2209, 26.0640

Monochromacy



Original Color

65.0895, 29.4408, 37.7704

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.3712, 5.5894, 20.0871

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0895, 29.4408, 37.7704 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, 147, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 51)  
}
```

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, 147, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0895, 29.4408, 37.7704 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, 147, 51) }
```


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

```
.border{ border-color:rgb(255, 147, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 147, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0895, 29.4408, 37.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 51) }
```

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

```
.background{ background-color: rgb(255,  
147, 51) }
```

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