

Converting Colors

HunterLab(64.8673, 29.9234,
37.6321)

Have a look what the booklet for
HunterLab(64.8673, 29.9234,
37.6321) contains.

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Color

**HunterLab(64.8512, 29.9585,
37.6221)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9233
RGB	255, 146, 51
RGB Percent	100%, 57%, 20%
CMY	0.0000, 0.4274, 0.8000
CMYK	0.00, 0.43, 0.80, 0.00
HSL	28°, 100%, 60%
HSV	28°, 80%, 100%
XYZ	52.1164, 42.0568, 8.5029
YIQ	167.7610, 95.4590, -6.4370

Conversions

Conversions Part 2

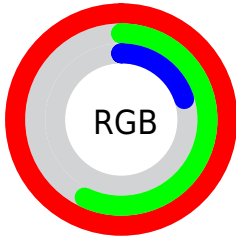
Format	Color
RYB	255, 229, 51
Decimal	16749107
CIELab	70.91, 34.63, 64.36
CIElCh	71, 73.082, 61.718
Yxy	42.0590, 0.5076, 0.4096
Android (android.graphics.Color)	4294939187 (0xFFFF9233)
YUV	167.7610, -57.5632, 76.5086
Hunter-Lab	64.8512, 29.9585, 37.6221

Details

The HunterLab color **64.8512, 29.9585, 37.6221** 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 **57.5009, -1.3353, -62.1422**, and the grayscale version is **62.6808, -3.3445, 3.4056**.

A 20% lighter version of the original color is **80.0332, 4.1912, 39.4888**, and **43.8314, 28.1232, 27.5010** is the 20% darker color. If you saturate the color by 10%, you get **61.5946, 36.3087, 37.6770**, and if you desaturate by 10%, it is **68.4126, 23.9619, 36.5695**.

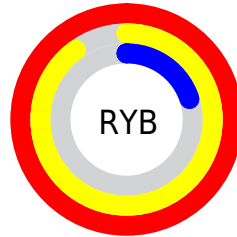
Distribution



Red (100%)

Green (57%)

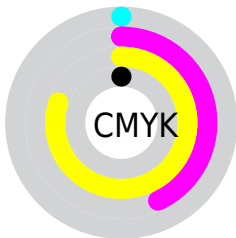
Blue (20%)



Red (100%)

Yellow (90%)

Blue (20%)

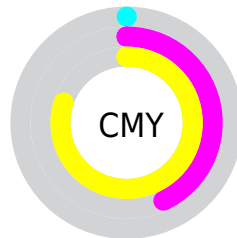


Cyan (0%)

Magenta (43%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8512, 29.9585, 37.6221 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 64.8512, 29.9585, 37.6221 by changing the saturation by 10% instead.

64.8512, 29.9585,
37.6221

64.8512, 29.9585,
37.6221

188.3421, 35.4778,
72.1188

53.9884, 28.9209,
33.0405

88.4810, 31.7206,
46.1881

43.8092, 27.7742,
28.2221

101.1811, 32.4704,
50.2232

34.3648, 26.5035,
23.3101

114.4366, 33.1405,
54.1225

25.7178, 25.1002,
18.0024

128.2252, 33.7369,
57.9039

17.9497, 23.5666,
12.5648

142.5270, 34.2647,
61.5824

11.1743, 21.9537,
7.8220

157.3242, 34.7283,

3.1768, 47.5505,

65.1708

2.2237

172.6008, 35.1315,
68.6799

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8512, 29.9585,
37.6221

■ 64.8512, 29.9585,
37.6221

■ 61.5946, 36.3087,
37.6770

■ 68.4126, 23.9619,
36.5695

■ 58.6483, 42.8719,
36.8893

■ 72.2528, 18.4047,
34.5282

■ 58.6480, 42.8727,
36.8892

■ 76.3512, 13.3170,
31.5547

■ 80.6860, 8.7055,
27.7245

■ 85.2365, 4.5594,

23.1197

■ 89.9835, 0.8565,
17.8206

■ 94.9099, -2.4317,
11.9023

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



64.8529, 60.9063, 28.1834



64.8512, 29.9585, 37.6221



64.8529, -5.3831, 39.7610

Triad

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



64.8529, 29.9543, 37.6228



64.8529, -56.0944, 1.6667



64.8529, 33.9819, -73.1855

Complementary

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



64.8512, 29.9585, 37.6221



57.5009, -1.3353, -62.1422

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.



64.8529, -1.5220, -92.3986



64.8512, 29.9585, 37.6221



64.8529, -49.6537, -37.6385

Square

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



64.8529, 29.9543, 37.6228



64.8529, -50.9873, 26.3640



64.8529, -31.2415, -76.9000



64.8529, 63.5440, -32.7178

Rectangle

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



64.8512, 29.9585, 37.6221



64.8529, -25.6136, 38.5483



64.8529, -31.2415, -76.9000



64.8529, 22.1262, -83.0579

Sweetspot

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



64.8529, 29.9543, 37.6228



88.0620, 2.2867, 20.0194



51.2634, 81.0910, -7.1771



39.9613, 1.6737, 10.1274

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8529, 29.9543, 37.6228



59.7911, 40.2455, 37.2571



93.1034, -20.2337, 55.0209



44.0245, -1.1955, 5.3644



42.7375, 30.1556, 26.8626



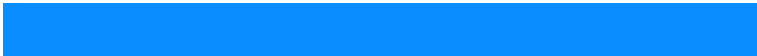
14.1228, 7.5729, 8.8350

Inverse Universe

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



57.5009, -1.3353, -62.1422



51.3160, 6.5550, -77.5734



33.5902, 53.3162, -145.3591



43.5718, -3.3022, -0.7640



36.4843, 5.6297, -57.7552



12.3079, 0.1005, -15.6008

Previews

White Background



This preview shows how the HunterLab color 64.8512, 29.9585, 37.6221 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 64.8512, 29.9585, 37.6221 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 64.8512, 29.9585, 37.6221 Background



This preview shows how black text looks on a background with the HunterLab color 64.8512, 29.9585, 37.6221.



This preview shows how white text looks on a background with the HunterLab color 64.8512, 29.9585,

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

64.8512, 29.9585, 37.6221

Protanopia

64.9459, -8.1002, 36.2232

Deuteranopia

64.9247, 4.9419, 37.9168



Tritanopia

64.9508, 40.3550, 14.7733

Trichromacy



Original Color

64.8512, 29.9585, 37.6221

Protanomaly

64.4814, 5.0302, 36.4977

Deuteranomaly

64.6643, 13.8677, 37.6228

Tritanomaly

64.6516, 35.6576, 26.1351

Monochromacy



Original Color

64.8512, 29.9585, 37.6221

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 64.8512, 29.9585, 37.6221 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 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, 146, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8512, 29.9585, 37.6221 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, 51) }
```


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

```
.border{ border-color:rgb(255, 146, 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, 146, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8512, 29.9585, 37.6221 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, 51) }
```

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

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

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