

Converting Colors

HunterLab(64.9300, 30.3245,
36.5083)

Have a look what the booklet for
HunterLab(64.9300, 30.3245,
36.5083) contains.

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Color

**HunterLab(64.9266, 30.3327,
36.5069)**

Conversions

Conversions Part 1

Format	Color
Hex	FF923D
RGB	255, 146, 61
RGB Percent	100%, 57%, 24%
CMY	0.0000, 0.4274, 0.7608
CMYK	0.00, 0.43, 0.76, 0.00
HSL	26°, 100%, 62%
HSV	26°, 76%, 100%
XYZ	52.3611, 42.1546, 9.7918
YIQ	168.9010, 92.2490, -3.3270

Conversions

Conversions Part 2

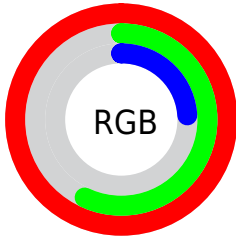
Format	Color
R_{YB}	255, 212, 61
Decimal	16749117
CIE _{Lab}	70.98, 34.98, 60.36
CIE _{LCh}	71, 69.759, 59.908
Yxy	42.1569, 0.5020, 0.4041
Android (android.graphics.Color)	4294939197 (0xFFFF923D)
YUV	168.9010, -53.1952, 75.5088
Hunter-Lab	64.9266, 30.3327, 36.5069

Details

The HunterLab color **64.9266, 30.3327, 36.5069** 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 **60.7942, -5.5392, -54.9020**, and the grayscale version is **63.1349, -3.3687, 3.4302**.

A 20% lighter version of the original color is **80.1408, 4.7688, 37.9078**, and **43.8314, 28.1232, 27.5010** is the 20% darker color. If you saturate the color by 10%, you get **61.4820, 36.8702, 36.9590**, and if you desaturate by 10%, it is **68.7004, 24.1546, 35.0656**.

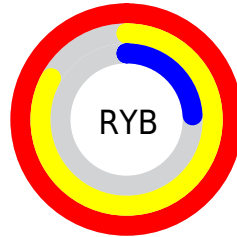
Distribution



Red (100%)

Green (57%)

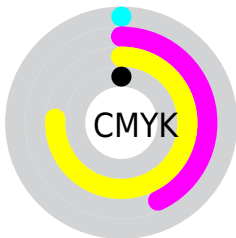
Blue (24%)



Red (100%)

Yellow (83%)

Blue (24%)

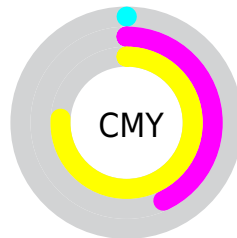


Cyan (0%)

Magenta (43%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (43%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.9266, 30.3327, 36.5069 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 64.9266, 30.3327, 36.5069 by changing the saturation by 10% instead.


 64.9266, 30.3327,
36.5069


 64.9266, 30.3327,
36.5069


188.4497, 35.9600,
69.1117


 54.0594, 29.2817,
32.1847


 88.5647, 32.1208,
44.5853


 43.8753, 28.1215,
27.6320


 101.2685, 32.8831,
48.3927


 34.4258, 26.8373,
22.8583


 114.5277, 33.5655,
52.0747

 25.7732, 25.4208,
18.0412

 128.3198, 34.1739,
55.6482

 17.9988, 23.8752,
12.5992

 142.6250, 34.7134,
59.1275

 11.2163, 22.2539,
7.8514

157.4255, 35.1883,

 3.2920, 46.4093,

62.5247

2.3044

172.7053, 35.6027,
65.8499

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9266, 30.3327,
36.5069

■ 64.9266, 30.3327,
36.5069

■ 61.4820, 36.8702,
36.9590

■ 68.7004, 24.1546,
35.0656

■ 58.3842, 43.6538,
36.4486

■ 72.7720, 18.4189,
32.6744

■ 57.2623, 46.3152,
36.0956


■ 77.1167, 13.1521,
29.4077

■ 81.7094, 8.3573,
25.3515

■ 86.5266, 4.0199,

20.5920

 91.5473, 0.1147,
15.2101

 96.7528, -3.3889,
9.2788

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.



64.9283, 58.8926, 26.4580



64.9266, 30.3327, 36.5069



64.9283, -3.3689, 39.0374

Triad

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



64.9283, 30.3285, 36.5076



64.9283, -54.2262, 3.6283



64.9283, 30.1238, -70.3629

Complementary

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



64.9266, 30.3327, 36.5069



60.7942, -5.5392, -54.9020

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.



64.9283, -3.5668, -86.3881



64.9266, 30.3327, 36.5069



64.9283, -48.6345, -32.9186

Square

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



64.9283, 30.3285, 36.5076



64.9283, -48.5649, 26.5540



64.9283, -31.5117, -70.1777



64.9283, 58.7592, -33.1663

Rectangle

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



64.9266, 30.3327, 36.5069



64.9283, -23.1072, 37.9847



64.9283, -31.5117, -70.1777



64.9283, 18.8246, -79.0258

Sweetspot

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



64.9283, 30.3285, 36.5076



88.0512, 2.7734, 18.9986



52.4741, 79.1145, -9.7758



39.9095, 1.9620, 9.6523

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9283, 30.3285, 36.5076



59.9126, 40.1900, 36.8219



92.2715, -18.6043, 53.6945



43.9280, -1.0323, 5.2600



41.7357, 32.6183, 26.2884



13.8167, 8.2715, 8.6586

Inverse Universe

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



60.7942, -5.5392, -54.9020



55.0356, 0.4888, -67.9999



36.1954, 47.2185, -131.8410



43.6704, -3.4637, -0.6439



37.9233, 2.9951, -53.8664



12.7200, -0.5980, -14.6080

Previews

White Background



This preview shows how the HunterLab color 64.9266, 30.3327, 36.5069 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 64.9266, 30.3327, 36.5069 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 64.9266, 30.3327, 36.5069 Background



This preview shows how black text looks on a background with the HunterLab color 64.9266, 30.3327, 36.5069.



This preview shows how white text looks on a background with the HunterLab color 64.9266, 30.3327,

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

64.9266, 30.3327, 36.5069

Protanopia

64.9393, -7.9324, 34.7360

Deuteranopia

64.8780, 4.9303, 36.7607



Tritanopia

64.9508, 40.3550, 14.7733

Trichromacy



Original Color

64.9266, 30.3327, 36.5069

Protanomaly

64.4540, 5.1209, 35.0646

Deuteranomaly

64.6050, 13.8167, 36.4987

Tritanomaly

64.7228, 36.0044, 25.0952

Monochromacy



Original Color

64.9266, 30.3327, 36.5069

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

62.7541, 5.6460, 18.8144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9266, 30.3327, 36.5069 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9266, 30.3327, 36.5069 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, 61) }
```


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

```
.border{ border-color:rgb(255, 146, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9266, 30.3327, 36.5069 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, 61) }
```

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

```
.background{ background-color: rgb(255,  
146, 61) }
```

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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