

Converting Colors

HunterLab(66.4646, 20.5366,
31.4430)

Have a look what the booklet for
HunterLab(66.4646, 20.5366,
31.4430) contains.

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Color

**HunterLab(66.4646, 20.5366,
31.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	F29E60
RGB	242, 158, 96
RGB Percent	95%, 62%, 38%
CMY	0.0510, 0.3804, 0.6235
CMYK	0.00, 0.35, 0.60, 0.05
HSL	25°, 85%, 66%
HSV	25°, 60%, 95%
XYZ	50.9561, 44.1754, 16.9073
YIQ	176.0480, 69.9660, -1.4740

Conversions

Conversions Part 2

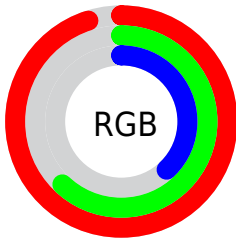
Format	Color
R _Y B	242, 204, 96
Decimal	15900256
CIE Lab	72.35, 25.38, 44.82
CIE LCh	72, 51.509, 60.480
Yxy	44.1777, 0.4548, 0.3943
Android (android.graphics.Color)	4294090336 (0xFF F29E60)
YUV	176.0480, -39.4637, 57.8399
Hunter-Lab	66.4646, 20.5366, 31.4430

Details

The HunterLab color **66.4646, 20.5366, 31.4430** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **64.4499, -9.8386, -37.7370**, and the grayscale version is **66.0501, -3.5243, 3.5886**.

A 20% lighter version of the original color is **84.2536, 1.6627, 32.2300**, and **45.2309, 19.3425, 24.6845** is the 20% darker color. If you saturate the color by 10%, you get **62.7013, 26.2574, 33.3306**, and if you desaturate by 10%, it is **70.5096, 15.2347, 28.7186**.

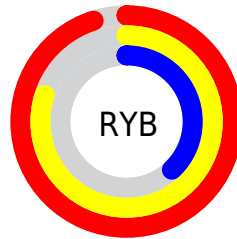
Distribution



Red (95%)

Green (62%)

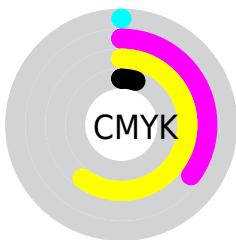
Blue (38%)



Red (95%)

Yellow (80%)

Blue (38%)

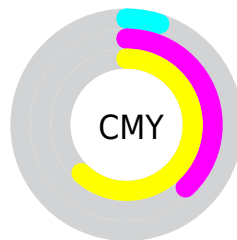


Cyan (0%)

Magenta (35%)

Yellow (60%)

Black (5%)



Cyan (5%)


Magenta (38%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.4646, 20.5366, 31.4430 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 66.4646, 20.5366, 31.4430 by changing the saturation by 10% instead.


 66.4646, 20.5366,
31.4430


 66.4646, 20.5366,
31.4430


190.6391, 22.9220,
56.7319

 55.5069, 19.9036,
28.1650

 90.2691, 21.5291,
37.6013


 45.2265, 19.1733,
24.7126


 103.0503, 21.9116,
40.5249

 35.6732, 18.3292,
21.0461


 116.3837, 22.2256,
43.3673

 26.9072, 17.3559,
17.1484

 130.2471, 22.4760,
46.1412

 19.0069, 16.2370,
13.3048

144.6211, 22.6673,
48.8569

 12.0802, 14.9630,
8.4562

159.4880, 22.8033,

 5.0974, 21.4321,

51.5227

3.5682

174.8322, 22.8872,
54.1457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4646, 20.5366,
31.4430

■ 66.4646, 20.5366,
31.4430

■ 62.7013, 26.2574,
33.3306

■ 70.5096, 15.2347,
28.7186

■ 59.2416, 32.3597,
34.3153

■ 74.8052, 10.3779,
25.2356

■ 56.1131, 38.7460,
34.3759

■ 79.3287, 5.9564,
21.0783

■ 53.4165, 45.0189,
33.7032

■ 84.0582, 1.9505,
16.3262

■ 88.9740, -1.6668,

11.0510

■ 94.0590, -4.9261,
5.3160

■ 98.8014, -9.5307,
3.9407

Harmonies

Analogous

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



66.4663, 40.6615, 22.1271



66.4646, 20.5366, 31.4430



66.4663, -3.9329, 34.0862

Triad

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



66.4663, 20.5330, 31.4438



66.4663, -43.3978, 3.2523



66.4663, 21.2898, -45.8909

Complementary

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



66.4646, 20.5366, 31.4430



64.4499, -9.8386, -37.7370

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.



66.4663, -3.1663, -56.2882



66.4646, 20.5366, 31.4430



66.4663, -38.5674, -22.4658

Square

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



66.4663, 20.5330, 31.4438



66.4663, -38.8662, 21.6910



66.4663, -24.6276, -46.5004



66.4663, 41.1399, -21.6026

Rectangle

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



66.4646, 20.5366, 31.4430



66.4663, -18.8146, 32.8424



66.4663, -24.6276, -46.5004



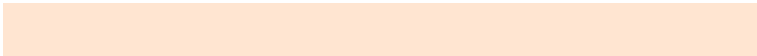
66.4663, 13.2299, -51.4425

Sweetspot

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



66.4663, 20.5330, 31.4438



90.3783, 1.1598, 16.0962



55.3048, 61.8786, -11.8007



41.1196, 1.0774, 8.1728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.4663, 20.5330, 31.4438



65.8283, 29.0493, 35.6417



87.3054, -15.8418, 46.0043



41.0639, -0.9004, 4.8575



39.4793, 32.1625, 24.8900



12.2055, 7.2977, 7.6487

Inverse Universe

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



64.4499, -9.8386, -37.7370



63.2685, -8.0099, -49.8129



44.3376, 28.0142, -84.5221



40.9132, -3.3084, -0.5289



36.9797, 1.5376, -49.5405



11.5515, -1.0510, -12.1696

Previews

White Background



This preview shows how the HunterLab color 66.4646, 20.5366, 31.4430 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 66.4646, 20.5366, 31.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

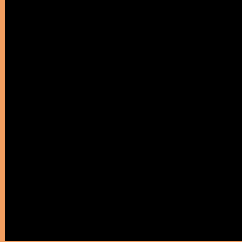
Any Text WCAG AA ✓ Pass

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 66.4646, 20.5366, 31.4430 Background



This preview shows how black text looks on a background with the HunterLab color 66.4646, 20.5366, 31.4430.



This preview shows how white text looks on a background with the HunterLab color 66.4646, 20.5366,

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

66.4646, 20.5366, 31.4430

Protanopia

66.6500, -7.1692, 29.5289

Deuteranopia

66.3865, 5.0272, 31.7461



Tritanopia

66.4530, 33.3157, 11.4476

Trichromacy



Original Color

66.4646, 20.5366, 31.4430

Protanomaly

66.3649, 2.2463, 30.1618

Deuteranomaly

66.3697, 10.6731, 31.6234

Tritanomaly

66.3333, 28.0518, 20.2114

Monochromacy



Original Color

66.4646, 20.5366, 31.4430

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

65.3926, 3.6862, 15.3314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.4646, 20.5366, 31.4430 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(242, 158, 96)` looks like.

```
.text, #text, p{  
    color:rgb(242, 158, 96)  
}
```

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(242, 158, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 158, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 66.4646, 20.5366, 31.4430 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(242, 158, 96) }
```


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

```
.border{ border-color:rgb(242, 158, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 158, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 158, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 158, 96);  
box-shadow:4px 4px 4px 4px rgb(242, 158,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.4646, 20.5366, 31.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 158, 96) }
```

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

```
.background{ background-color: rgb(242,  
158, 96) }
```

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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