

Converting Colors

HunterLab(64.4689, 14.0174,
30.3677)

Have a look what the booklet for
HunterLab(64.4689, 14.0174,
30.3677) contains.

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Color

**HunterLab(64.4786, 14.1781,
30.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	E39E5D
RGB	227, 158, 93
RGB Percent	89%, 62%, 36%
CMY	0.1098, 0.3804, 0.6353
CMYK	0.00, 0.30, 0.59, 0.11
HSL	29°, 71%, 63%
HSV	29°, 59%, 89%
XYZ	45.8812, 41.5749, 15.9624
YIQ	171.2210, 61.9890, -5.5870

Conversions

Conversions Part 2

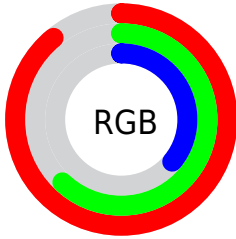
Format	Color
R _Y B	227, 219, 93
Decimal	14917213
CIE Lab	70.58, 19.05, 43.81
CIE LCh	71, 47.774, 66.506
Yxy	41.5770, 0.4436, 0.4020
Android (android.graphics.Color)	4293107293 (0xFFE39E5D)
YUV	171.2210, -38.5630, 48.9182
Hunter-Lab	64.4786, 14.1781, 30.4571

Details

The HunterLab color **64.4786, 14.1781, 30.4571** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **58.0622, -5.3870, -38.5261**, and the grayscale version is **64.0446, -3.4173, 3.4797**.

A 20% lighter version of the original color is **84.1979, 1.3617, 33.0427**, and **43.3760, 13.6265, 23.7095** is the 20% darker color. If you saturate the color by 10%, you get **61.1824, 18.7379, 32.3647**, and if you desaturate by 10%, it is **67.9851, 10.0231, 27.7370**.

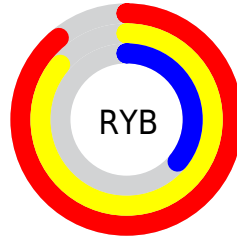
Distribution



Red (89%)

Green (62%)

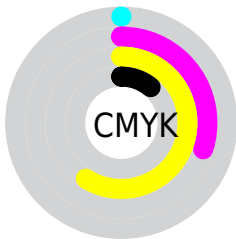
Blue (36%)



Red (89%)

Yellow (86%)

Blue (36%)

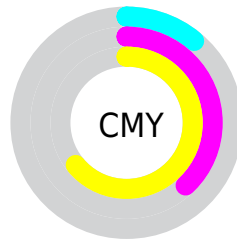


Cyan (0%)

Magenta (30%)

Yellow (59%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4786, 14.1781, 30.4571 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 64.4786, 14.1781, 30.4571 by changing the saturation by 10% instead.


 64.4786, 14.1781,
30.4571

 64.4786, 14.1781,
30.4571


187.8101, 14.4926,
55.3972


 53.6379, 13.8140,
27.2178


 88.0676, 14.6609,
36.5356


 43.4822, 13.3619,
23.8020


 100.7487, 14.8008,
39.4191

 34.0634, 12.8057,
20.1687


 113.9861, 14.8794,
42.2219

 25.4442, 12.1287,
16.3598

 127.7572, 14.9014,
44.9567

 17.7071, 11.3093,
12.3950

142.0422, 14.8707,
47.6338

 10.9674, 10.3228,
7.6772

156.8232, 14.7904,

 2.5302, 32.6654,

50.2617

1.7711

172.0840, 14.6635,
52.8476

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4786, 14.1781,
30.4571

■ 64.4786, 14.1781,
30.4571

■ 61.1824, 18.7379,
32.3647

■ 67.9851, 10.0231,
27.7370

■ 58.1085, 23.6912,
33.4115

■ 71.6803, 6.2838,
24.2643

■ 55.2741, 28.9850,
33.5865

■ 75.5502, 2.9453,
20.1072

■ 52.6879, 34.5118,
32.9991


■ 79.5801, -0.0122,
15.3325

■ 52.4488, 35.0473,


■ 83.7566, -2.6129,


32.9323

10.0031

 88.0678, -4.8829,
4.1764

 92.5028, -6.8484,
-2.0965

 96.3658, -12.3326,
0.9559

 97.5043, -14.1298,
2.3056

Harmonies

Analogous

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



64.4802, 33.9215, 23.0467



64.4786, 14.1781, 30.4571



64.4802, -8.1355, 31.9309

Triad

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



64.4802, 14.1749, 30.4579



64.4802, -40.1034, -1.1847



64.4802, 23.5024, -37.5889

Complementary

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



64.4786, 14.1781, 30.4571



58.0622, -5.3870, -38.5261

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.



64.4802, 1.3857, -50.1657



64.4786, 14.1781, 30.4571



64.4802, -33.8592, -25.0811

Square

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



64.4802, 14.1749, 30.4579



64.4802, -37.6286, 17.4967



64.4802, -19.3531, -44.9552



64.4802, 39.7884, -14.5428

Rectangle

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



64.4786, 14.1781, 30.4571



64.4802, -21.1436, 30.0103



64.4802, -19.3531, -44.9552



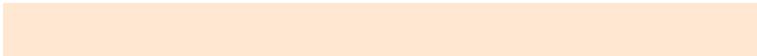
64.4802, 16.3982, -43.4782

Sweetspot

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



64.4802, 14.1749, 30.4579



91.2282, -0.3017, 16.9633



51.7463, 54.7908, -6.4456



41.5729, 0.2924, 8.6258

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4802, 14.1749, 30.4579



68.9326, 22.7116, 37.3088



84.1696, -18.9589, 44.2379



39.3907, -1.1820, 4.8281



40.3422, 26.0814, 25.3153



11.7815, 5.2503, 7.3516

Inverse Universe

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



58.0622, -5.3870, -38.5261



60.3105, -2.7830, -55.8926



40.1249, 29.8433, -82.1366



38.8694, -2.8409, -0.7245



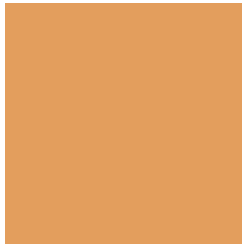
32.9737, 6.7441, -55.7729



9.9465, 0.0496, -12.5394

Previews

White Background



This preview shows how the HunterLab color 64.4786, 14.1781, 30.4571 looks on a white background.

Color Contrast Check

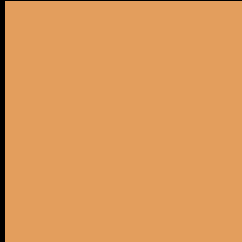
Large Text (above 18pt) WCAG AA × Fail

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 64.4786, 14.1781, 30.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

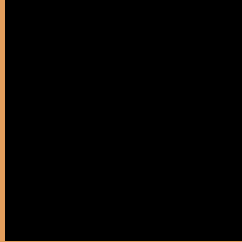
Any Text WCAG AA ✓ Pass

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 64.4786, 14.1781, 30.4571 Background



This preview shows how black text looks on a background with the HunterLab color 64.4786, 14.1781, 30.4571.



This preview shows how white text looks on a background with the HunterLab color 64.4786, 14.1781, 30.4571.

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

64.4786, 14.1781, 30.4571

Protanopia

64.5880, -6.9500, 29.0697

Deuteranopia

64.5466, 4.5605, 30.7617



Tritanopia

64.4529, 27.3926, 9.1778

Trichromacy



Original Color

64.4786, 14.1781, 30.4571

Protanomaly

64.4564, 0.0301, 29.5389

Deuteranomaly

64.3157, 8.0857, 30.4386

Tritanomaly

64.3296, 21.9115, 18.5554

Monochromacy



Original Color

64.4786, 14.1781, 30.4571

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

63.5075, 1.5145, 14.8987

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4786, 14.1781, 30.4571 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(227, 158, 93)` looks like.

```
.text, #text, p{  
    color:rgb(227, 158, 93)  
}
```

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(227, 158, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 158, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4786, 14.1781, 30.4571 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(227, 158, 93) }
```


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

```
.border{ border-color:rgb(227, 158, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 158, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 158, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 158, 93);  
box-shadow:4px 4px 4px 4px rgb(227, 158,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4786, 14.1781, 30.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 158, 93) }
```

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

```
.background{ background-color: rgb(227,  
158, 93) }
```

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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