

Converting Colors

HunterLab(64.6274, 7.8181,
33.4042)

Have a look what the booklet for
HunterLab(64.6274, 7.8181,
33.4042) contains.

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Color

**HunterLab(64.7766, 7.8541,
33.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA34E
RGB	220, 163, 78
RGB Percent	86%, 64%, 31%
CMY	0.1373, 0.3608, 0.6941
CMYK	0.00, 0.26, 0.65, 0.14
HSL	36°, 67%, 58%
HSV	36°, 65%, 86%
XYZ	43.9875, 41.9601, 12.9884
YIQ	170.3530, 61.2570, -14.3510

Conversions

Conversions Part 2

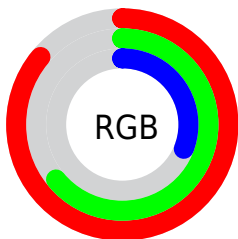
Format	Color
RYB	173, 220, 78
Decimal	14459726
CIELab	70.84, 12.42, 51.28
CIELCh	71, 52.761, 76.379
Yxy	41.9621, 0.4446, 0.4241
Android (android.graphics.Color)	4292649806 (0xFFDCA34E)
YUV	170.3530, -45.5300, 43.5404
Hunter-Lab	64.7766, 7.8541, 33.4553

Details

The HunterLab color **64.7766, 7.8541, 33.4553** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **49.1059, 3.9353, -51.4244**, and the grayscale version is **63.7134, -3.3996, 3.4617**.

A 20% lighter version of the original color is **85.4485, -2.5949, 37.9537**, and **43.6125, 7.8634, 25.6829** is the 20% darker color. If you saturate the color by 10%, you get **62.1855, 11.1988, 34.9470**, and if you desaturate by 10%, it is **67.5118, 4.8968, 31.0973**.

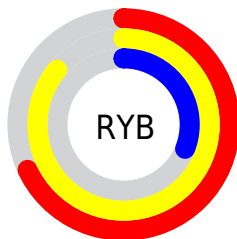
Distribution



Red (86%)

Green (64%)

Blue (31%)



Red (68%)

Yellow (86%)

Blue (31%)

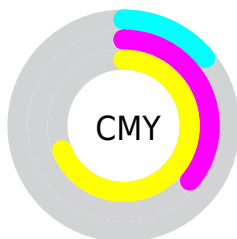


Cyan (0%)

Magenta (26%)

Yellow (65%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.7766, 7.8541, 33.4553 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 64.7766, 7.8541, 33.4553 by changing the saturation by 10% instead.

 64.7766, 7.8541,
33.4553


 64.7766, 7.8541,
33.4553

188.2355, 5.8186,
61.8227


 53.9181, 7.8054,
29.7258

 88.3982, 7.7475,
40.4323


 43.7436, 7.6847,
25.7909


 101.0944, 7.6100,
43.7294

 34.3044, 7.4782,
21.6125


 114.3463, 7.4214,
46.9250

 25.6629, 7.1715,
17.6566

 128.1314, 7.1851,
50.0342

 17.9010, 6.7443,
12.5307

 142.4298, 6.9043,
53.0692

 11.1328, 6.1665,
7.7929

157.2238, 6.5815,

 3.0582, 17.5402,

56.0402

2.1407

172.4972, 6.2189,
58.9556

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7766, 7.8541,
33.4553

■ 64.7766, 7.8541,
33.4553

■ 62.1855, 11.1988,
34.9470

■ 67.5118, 4.8968,
31.0973

■ 59.7392, 14.9226,
35.5700

■ 70.3796, 2.3395,
27.8968

■ 57.4421, 18.9846,
35.3688

■ 73.3746, 0.1730,
23.8947

■ 56.2461, 21.2927,
35.0314

■ 76.4895, -1.6155,
19.1391

■ 79.7171, -3.0428,

13.6815

■ 83.0505, -4.1282,
7.5734

■ 86.4832, -4.8922,
0.8649

■ 90.0091, -5.3556,
-6.3964

■ 92.8570, -9.7542,
-3.3605

Harmonies

Analogous

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



64.7782, 31.8182, 28.0592



64.7766, 7.8541, 33.4553



64.7782, -16.0507, 33.2162

Triad

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



64.7782, 7.8510, 33.4560



64.7782, -42.2878, -10.2199



64.7782, 33.7313, -34.9859

Complementary

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



64.7766, 7.8541, 33.4553



49.1059, 3.9353, -51.4244

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.



64.7782, 10.1727, -54.8410



64.7766, 7.8541, 33.4553



64.7782, -32.5032, -37.3340

Square

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



64.7782, 7.8510, 33.4560



64.7782, -42.7200, 13.0965



64.7782, -14.0443, -55.8305



64.7782, 48.1739, -7.7721

Rectangle

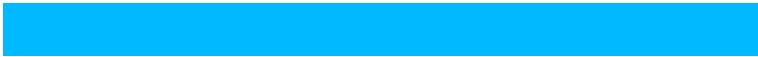
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.7766, 7.8541, 33.4553



64.7782, -28.7833, 29.9751



64.7782, -14.0443, -55.8305



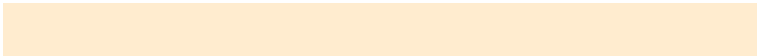
64.7782, 26.4722, -43.1172

Sweetspot

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



64.7782, 7.8510, 33.4560



92.4539, -2.8700, 19.2476



47.4085, 55.4684, 0.5066



42.2661, -1.0969, 9.7546

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.7782, 7.8510, 33.4560



72.5932, 14.5537, 41.6457



80.7281, -24.0236, 44.0297



37.8700, -1.6929, 4.9479



43.3483, 15.7724, 26.9871



11.7662, 2.5468, 7.2949

Inverse Universe

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



49.1059, 3.9353, -51.4244



51.1481, 11.1525, -77.9551



35.7517, 36.5073, -89.6196



36.7025, -2.1453, -1.0910



27.1345, 16.6317, -69.8188



8.0182, 1.8719, -14.0629

Previews

White Background



This preview shows how the HunterLab color 64.7766, 7.8541, 33.4553 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 64.7766, 7.8541, 33.4553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

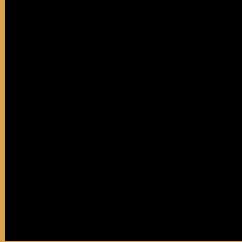
Any Text WCAG AA ✓ Pass

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 64.7766, 7.8541, 33.4553 Background



This preview shows how black text looks on a background with the HunterLab color 64.7766, 7.8541, 33.4553.



This preview shows how white text looks on a background with the HunterLab color 64.7766, 7.8541,

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

64.7766, 7.8541, 33.4553

Protanopia

64.9643, -7.5905, 32.7932

Deuteranopia

64.7249, 4.8187, 33.5359



Tritanopia

64.8048, 23.5175, 7.7761

Trichromacy



Original Color

64.7766, 7.8541, 33.4553

Protanomaly

64.8268, -2.0647, 32.9686

Deuteranomaly

64.6827, 6.1048, 33.5282

Tritanomaly

64.5404, 17.1284, 19.6843

Monochromacy



Original Color

64.7766, 7.8541, 33.4553

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.3521, -0.7745, 16.8743

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7766, 7.8541, 33.4553 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(220, 163, 78)` looks like.

```
.text, #text, p{  
    color:rgb(220, 163, 78)  
}
```

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(220, 163, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 163, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7766, 7.8541, 33.4553 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(220, 163, 78) }
```


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

```
.border{ border-color:rgb(220, 163, 78) }
```

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

Here you see how a box with a 4 pixel rgb(220, 163, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 163, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 163, 78);  
box-shadow:4px 4px 4px 4px rgb(220, 163,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7766, 7.8541, 33.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 163, 78) }
```

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

```
.background{ background-color: rgb(220,  
163, 78) }
```

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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