

Converting Colors

HunterLab(65.0564, -4.5166,
25.9088)

Have a look what the booklet for
HunterLab(65.0564, -4.5166,
25.9088) contains.

HunterLab(65.1110, -4.6678, 26.0806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(65.1110, -4.6678,
26.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	C1AD70
RGB	193, 173, 112
RGB Percent	76%, 68%, 44%
CMY	0.2431, 0.3215, 0.5608
CMYK	0.00, 0.10, 0.42, 0.24
HSL	45°, 40%, 60%
HSV	45°, 42%, 76%
XYZ	39.8605, 42.3944, 21.4113
YIQ	172.0260, 31.5010, -14.7310

Conversions

Conversions Part 2

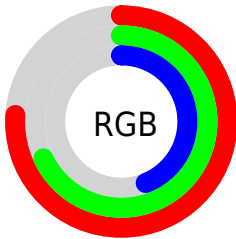
Format	Color
RYB	139, 193, 112
Decimal	12692848
CIELab	71.14, -1.36, 33.94
CIELCh	71, 33.970, 92.288
Yxy	42.3964, 0.3845, 0.4090
Android (android.graphics.Color)	4290882928 (0xFFC1AD70)
YUV	172.0260, -29.5928, 18.3942
Hunter-Lab	65.1110, -4.6678, 26.0806

Details

The HunterLab color $65.1110, -4.6678, 26.0806$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $48.7819, 4.4957, -31.1819$, and the grayscale version is $64.3509, -3.4336, 3.4963$.

A 20% lighter version of the original color is $88.7201, -5.7354, 30.7795$, and $44.0873, -3.4009, 20.7826$ is the 20% darker color. If you saturate the color by 10%, you get $63.4166, -4.0142, 29.3893$, and if you desaturate by 10%, it is $66.8830, -4.9967, 21.9953$.

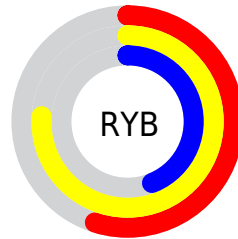
Distribution



Red (76%)

Green (68%)

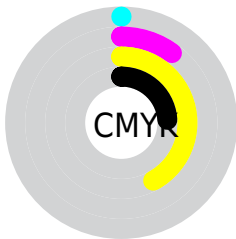
Blue (44%)



Red (55%)

Yellow (76%)

Blue (44%)

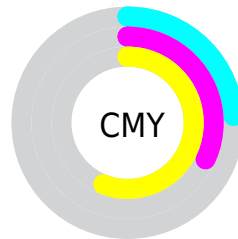


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.1110, -4.6678, 26.0806 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 65.1110, -4.6678, 26.0806 by changing the saturation by 10% instead.

■ 65.1110, -4.6678,
26.0806

■ 65.1110, -4.6678,
26.0806

188.7123,
-11.7825, 46.5427

■ 54.2326, -4.0180,
23.4975

■ 88.7689, -6.0643,
30.9719

■ 44.0370, -3.3976,
20.7880

■ 101.4821, -6.8040,
33.3139

■ 34.5750, -2.8104,
17.9162

■ 114.7502, -7.5708,
35.6039

■ 25.9086, -2.2581,
14.8318

■ 128.5509, -8.3639,
37.8511

■ 18.1190, -1.7424,
12.1088

142.8644, -9.1822,
40.0631

■ 11.3190, -1.2647,
7.9233

157.6729,

■ 3.5578, -1.8512,

-10.0253, 42.2458

2.4904

172.9604,
-10.8922, 44.4043

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.1110, -4.6678,
26.0806

■ 65.1110, -4.6678,
26.0806

■ 63.4166, -4.0142,
29.3893

■ 66.8830, -4.9967,
21.9953

■ 61.7962, -3.0293,
31.9106

■ 68.7268, -4.9978,
17.1497

■ 60.2512, -1.7215,
33.6497

■ 70.6422, -4.6807,
11.5696

■ 58.7806, -0.1044,
34.6301

■ 72.6271, -4.0550,
5.2847


■ 57.3815, 1.7976,


■ 74.6793, -3.1319,


34.9031


-1.6724

 56.3005, 3.4760,
34.7529

 76.7966, -1.9240,
-9.2674

 78.9766, -0.4442,
-17.4655

 80.7499, -1.2392,
-19.7291

 82.2251, -3.7243,
-17.6172

Harmonies

Analogous

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



65.1125, 11.0540, 24.0699



65.1110, -4.6678, 26.0806



65.1125, -18.7269, 23.3334

Triad

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



65.1125, -4.6701, 26.0813



65.1125, -26.9270, -13.5992



65.1125, 25.2370, -11.1568

Complementary

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



65.1110, -4.6678, 26.0806



48.7819, 4.4957, -31.1819

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.



65.1125, 13.3183, -25.4583



65.1110, -4.6678, 26.0806



65.1125, -16.8372, -27.0857

Square

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



65.1125, -4.6701, 26.0813



65.1125, -30.8006, 2.3956



65.1125, -2.2767, -31.8645



65.1125, 29.2575, 4.6724

Rectangle

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



65.1110, -4.6678, 26.0806



65.1125, -25.5322, 18.6834



65.1125, -2.2767, -31.8645



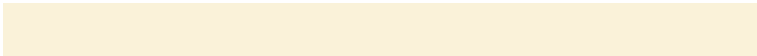
65.1125, 21.9694, -16.4187

Sweetspot

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



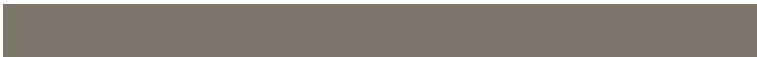
65.1125, -4.6701, 26.0813



94.2178, -6.3393, 16.4582



49.5974, 28.2594, 4.8526



43.3726, -2.9915, 8.4197



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



65.1125, -4.6701, 26.0813



85.1333, -5.4992, 38.8618



69.4014, -20.6995, 29.3061



33.6504, -2.1507, 4.7311



46.0583, 2.5820, 28.4261



10.0978, -0.3664, 6.2158

Inverse Universe

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



48.7819, 4.4957, -31.1819



59.1271, 9.8694, -54.0026



45.1274, 19.8152, -38.1315



31.8480, -1.2232, -1.4053



20.1382, 28.1295, -85.8944



5.3693, 2.7527, -12.6535

Previews

White Background



This preview shows how the HunterLab color 65.1110, -4.6678, 26.0806 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 65.1110, -4.6678, 26.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

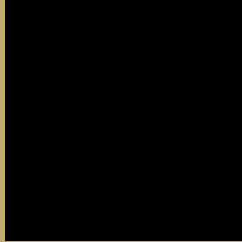
Any Text WCAG AA ✓ Pass

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 65.1110, -4.6678, 26.0806 Background



This preview shows how black text looks on a background with the HunterLab color 65.1110, -4.6678, 26.0806.



This preview shows how white text looks on a background with the HunterLab color 65.1110, -4.6678,

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

65.1110, -4.6678, 26.0806

Protanopia

65.0083, -6.5492, 25.9623

Deuteranopia

65.2160, 4.5991, 26.0632



Tritanopia

65.1183, 10.2462, 1.9554

Trichromacy



Original Color

65.1110, -4.6678, 26.0806

Protanomaly

65.1069, -6.2018, 26.0503

Deuteranomaly

65.1195, 1.3606, 25.9260

Tritanomaly

64.9682, 4.0670, 12.2044

Monochromacy



Original Color

65.1110, -4.6678, 26.0806

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.3509, -4.2120, 12.9940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.1110, -4.6678, 26.0806 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(193, 173, 112)` looks like.

```
.text, #text, p{  
    color:rgb(193, 173, 112)  
}
```

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(193, 173, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 173, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 65.1110, -4.6678, 26.0806 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(193, 173, 112) }
```


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

```
.border{ border-color:rgb(193, 173, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 173, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 173, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 173, 112);  
box-shadow:4px 4px 4px 4px rgb(193, 173,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.1110, -4.6678, 26.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 173, 112) }
```

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

```
.background{ background-color: rgb(193,  
173, 112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor