

Converting Colors

HunterLab(64.1801, 6.5749,
27.5638)

Have a look what the booklet for
HunterLab(64.1801, 6.5749,
27.5638) contains.

HunterLab(64.1801, 6.5749, 27.5638)	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(64.1801, 6.5749,
27.5638)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A368
RGB	212, 163, 104
RGB Percent	83%, 64%, 41%
CMY	0.1686, 0.3608, 0.5922
CMYK	0.00, 0.23, 0.51, 0.17
HSL	33°, 56%, 62%
HSV	33°, 51%, 83%
XYZ	42.7472, 41.1909, 18.7943
YIQ	170.9250, 48.1430, -7.9610

Conversions

Conversions Part 2

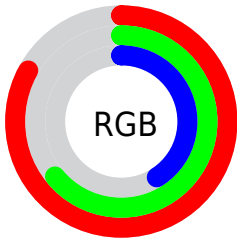
Format	Color
R_{YB}	194, 212, 104
Decimal	13935464
CIE _{Lab}	70.31, 11.06, 37.45
CIE _{LCh}	70, 39.051, 73.552
Yxy	41.1928, 0.4161, 0.4010
Android (android.graphics.Color)	4292125544 (0xFFD4A368)
YUV	170.9250, -32.9940, 36.0228
Hunter-Lab	64.1801, 6.5749, 27.5638

Details

The HunterLab color $64.1801, 6.5749, 27.5638$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $55.2066, -2.8997, -32.9269$, and the grayscale version is $63.9037, -3.4097, 3.4720$.

A 20% lighter version of the original color is $85.9087, -0.0911, 31.2280$, and $43.1431, 6.7989, 21.7364$ is the 20% darker color. If you saturate the color by 10%, you get $61.2602, 9.8122, 30.0384$, and if you desaturate by 10%, it is $67.2500, 3.7118, 24.3390$.

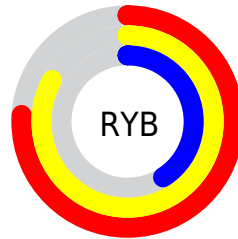
Distribution



Red (83%)

Green (64%)

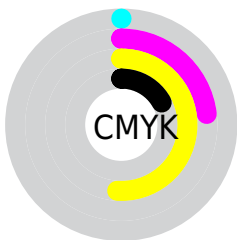
Blue (41%)



Red (76%)

Yellow (83%)

Blue (41%)

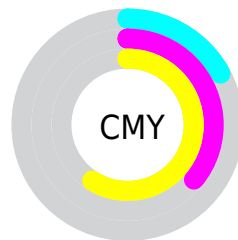


Cyan (0%)

Magenta (23%)

Yellow (51%)

Black (17%)



Cyan (17%)


Magenta (36%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.1801, 6.5749, 27.5638 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 64.1801, 6.5749, 27.5638 by changing the saturation by 10% instead.


 64.1801, 6.5749,
27.5638


 64.1801, 6.5749,
27.5638


187.3835, 4.0706,
49.6296

 53.3571, 6.5894,
24.7413

 87.7363, 6.3510,
32.8844

 43.2205, 6.5348,
21.7716


 100.4022, 6.1582,
35.4210

 33.8221, 6.3981,
18.6155


 113.6250, 5.9162,
37.8946

 25.2253, 6.1655,
15.2204

 127.3821, 5.6284,
40.3160

 17.5133, 5.8171,
12.2593

141.6536, 5.2976,
42.6938

 10.8023, 5.3230,
7.5616

156.4215, 4.9264,

 1.8550, 25.8742,

45.0349

1.2985

171.6697, 4.5167,
47.3453

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1801, 6.5749,
27.5638

■ 64.1801, 6.5749,
27.5638

■ 61.2602, 9.8122,
30.0384

■ 67.2500, 3.7118,
24.3390

■ 58.4957, 13.4323,
31.7185

■ 70.4552, 1.2214,
20.4129

■ 55.8976, 17.4184,
32.5813

■ 73.7877, -0.9148,
15.8407

■ 53.4739, 21.7362,
32.6377

■ 77.2385, -2.7164,
10.6766

■ 51.4270, 25.8505,

■ 80.7992, -4.2045,

32.1416

4.9722

■ 84.4619, -5.4011,
-1.2244

■ 88.2197, -6.3277,
-7.8693

■ 91.3812, -10.7874,
-5.2637

■ 94.5077, -15.7038,
-1.3925

Harmonies

Analogous

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



64.1816, 23.3617, 22.1497



64.1801, 6.5749, 27.5638



64.1816, -11.2672, 27.8023

Triad

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



64.1816, 6.5721, 27.5646



64.1816, -33.4769, -4.6298



64.1816, 21.9481, -24.9278

Complementary

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



64.1801, 6.5749, 27.5638



55.2066, -2.8997, -32.9269

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.



64.1816, 4.8065, -36.9946



64.1801, 6.5749, 27.5638



64.1816, -26.4366, -23.2900

Square

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



64.1816, 6.5721, 27.5646



64.1816, -33.1148, 12.0600



64.1816, -12.8510, -36.3245



64.1816, 32.8803, -6.4453

Rectangle

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



64.1801, 6.5749, 27.5638



64.1816, -21.3016, 25.1659



64.1816, -12.8510, -36.3245



64.1816, 16.6446, -30.0686

Sweetspot

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



64.1816, 6.5721, 27.5646



93.3814, -2.4603, 15.9263



51.2293, 42.6416, -3.2713



42.7837, -0.9184, 7.9939

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1816, 6.5721, 27.5646



75.2535, 12.3911, 37.1983



78.4565, -18.6110, 38.1211



36.7886, -1.4009, 4.6573



40.6572, 19.7587, 25.3987



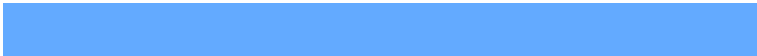
10.7773, 3.1871, 6.6967

Inverse Universe

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



55.2066, -2.8997, -32.9269



62.1721, -0.7840, -51.9256



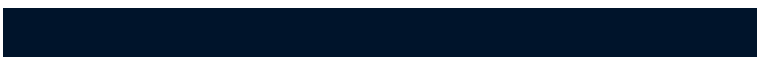
42.2109, 23.2659, -61.0717



35.9547, -2.3429, -0.8692



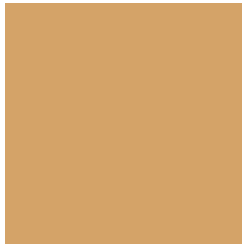
28.8333, 11.6097, -61.1011



8.1585, 0.7492, -11.8148

Previews

White Background



This preview shows how the HunterLab color 64.1801, 6.5749, 27.5638 looks on a white background.

Color Contrast Check

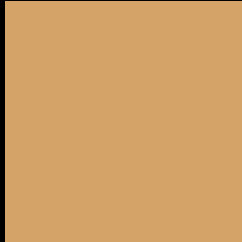
Large Text (above 18pt) WCAG AA × Fail

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 64.1801, 6.5749, 27.5638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

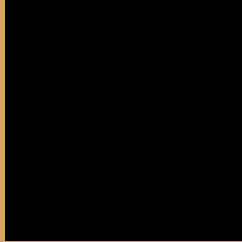
Any Text WCAG AA ✓ Pass

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 64.1801, 6.5749, 27.5638 Background



This preview shows how black text looks on a background with the HunterLab color 64.1801, 6.5749, 27.5638.



This preview shows how white text looks on a background with the HunterLab color 64.1801, 6.5749,

27.5638.

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

64.1801, 6.5749, 27.5638

Protanopia

64.2324, -6.4016, 26.6280

Deuteranopia

64.1137, 4.9249, 27.4815



Tritanopia

64.1390, 20.2557, 6.0815

Trichromacy



Original Color

64.1801, 6.5749, 27.5638

Protanomaly

64.2549, -1.8387, 26.9793

Deuteranomaly

64.2277, 5.3063, 27.5799

Tritanomaly

64.0830, 14.8151, 15.3349

Monochromacy



Original Color

64.1801, 6.5749, 27.5638

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

63.6796, -0.6645, 13.5265

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1801, 6.5749, 27.5638 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(212, 163, 104)` looks like.

```
.text, #text, p{  
    color:rgb(212, 163, 104)  
}
```

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(212, 163, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 163, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1801, 6.5749, 27.5638 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(212, 163, 104) }
```


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

```
.border{ border-color:rgb(212, 163, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 163, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 163, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 163, 104);  
box-shadow:4px 4px 4px 4px rgb(212, 163,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1801, 6.5749, 27.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 163, 104) }
```

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

```
.background{ background-color: rgb(212,  
163, 104) }
```

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