

Converting Colors

HunterLab(68.7101, 1.8347,
31.3237)

Have a look what the booklet for
HunterLab(68.7101, 1.8347,
31.3237) contains.

HunterLab(68.7961, 1.7716, 31.3640)	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(68.7961, 1.7716,
31.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB167
RGB	218, 177, 103
RGB Percent	85%, 69%, 40%
CMY	0.1451, 0.3059, 0.5961
CMYK	0.00, 0.19, 0.53, 0.15
HSL	39°, 61%, 63%
HSV	39°, 53%, 85%
XYZ	47.0838, 47.3290, 19.4858
YIQ	180.8230, 48.1900, -14.3220

Conversions

Conversions Part 2

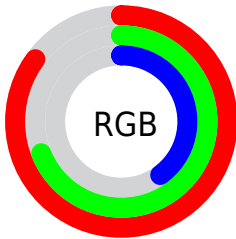
Format	Color
RYB	167, 218, 103
Decimal	14332263
CIELab	74.40, 5.97, 43.16
CIElCh	74, 43.566, 82.130
Yxy	47.3313, 0.4134, 0.4155
Android (android.graphics.Color)	4292522343 (0xFFDAB167)
YUV	180.8230, -38.3667, 32.6042
Hunter-Lab	68.7961, 1.7716, 31.3640

Details

The HunterLab color $68.7961, 1.7716, 31.3640$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $52.8118, 2.9649, -41.8715$, and the grayscale version is $68.0447, -3.6307, 3.6970$.

A 20% lighter version of the original color is $90.5197, -7.7928, 35.0401$, and $47.3264, 1.9414, 24.9767$ is the 20% darker color. If you saturate the color by 10%, you get $66.3067, 4.1297, 33.9338$, and if you desaturate by 10%, it is $71.4043, -0.2031, 27.9401$.

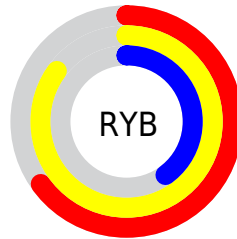
Distribution



Red (85%)

Green (69%)

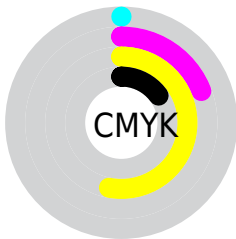
Blue (40%)



Red (65%)

Yellow (85%)

Blue (40%)

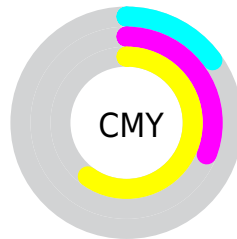


Cyan (0%)

Magenta (19%)

Yellow (53%)

Black (15%)



Cyan (15%)

Magenta (31%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.7961, 1.7716, 31.3640 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 68.7961, 1.7716, 31.3640 by changing the saturation by 10% instead.

68.7961, 1.7716,
31.3640

68.7961, 1.7716,
31.3640

193.9421, -2.7275,
55.7753

57.7041, 2.0611,
28.2253

92.8482, 1.0397,
37.2782

47.2806, 2.2991,
24.9265

105.7448, 0.6102,
40.0936

37.5735, 2.4763,
21.4304

119.1888, 0.1411,
42.8352

28.6401, 2.5840,
17.6898

133.1586, -0.3653,
45.5145

20.5544, 2.6101,
14.3881

147.6352, -0.9069,
48.1410

13.4168, 2.5358,
9.3918

162.6014, -1.4821,

6.9802, 3.3512,

50.7226

4.8862

178.0418, -2.0894,
53.2655

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7961, 1.7716,
31.3640

■ 68.7961, 1.7716,
31.3640

■ 66.3067, 4.1297,
33.9338

■ 71.4043, -0.2031,
27.9401

■ 63.9354, 6.8775,
35.6292

■ 74.1215, -1.7913,
23.6924

■ 61.6868, 9.9984,
36.4558

■ 76.9443, -3.0071,
18.6626

■ 59.5615, 13.4623,
36.4569

■ 79.8673, -3.8652,
12.8962

■ 58.0912, 16.1302,

■ 82.8854, -4.3827,

36.0779

6.4402

■ 85.9934, -4.5779,
-0.6584

■ 89.1648, -4.5889,
-8.0467

■ 91.6302, -8.6367,
-4.9057

■ 94.1351, -12.6455,
-1.8035

Harmonies

Analogous

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



68.7977, 22.0460, 27.1344



68.7961, 1.7716, 31.3640



68.7977, -17.8103, 30.0822

Triad

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



68.7977, 1.7687, 31.3647



68.7977, -36.3143, -11.8137



68.7977, 30.0387, -23.2646

Complementary

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



68.7961, 1.7716, 31.3640



52.8118, 2.9649, -41.8715

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.



68.7977, 11.7035, -40.4577



68.7961, 1.7716, 31.3640



68.7977, -26.0961, -32.6186

Square

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



68.7977, 1.7687, 31.3647



68.7977, -38.3195, 8.6518



68.7977, -8.9537, -44.3043



68.7977, 39.5606, -1.5524

Rectangle

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



68.7961, 1.7716, 31.3640



68.7977, -28.0166, 26.0351



68.7977, -8.9537, -44.3043



68.7977, 24.6069, -29.9964

Sweetspot

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



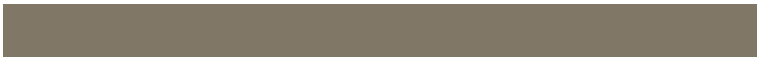
68.7977, 1.7687, 31.3647



94.1882, -4.3153, 17.8317



51.6293, 44.0965, 1.7448



43.2397, -1.9004, 8.9163

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7977, 1.7687, 31.3647



78.9559, 5.1797, 40.7289



79.8572, -23.3890, 39.2707



38.0030, -1.9146, 5.0902



45.1966, 12.0223, 28.0604



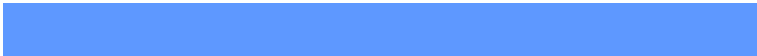
12.1813, 1.7603, 7.5369

Inverse Universe

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



52.8118, 2.9649, -41.8715



56.5251, 8.0337, -64.2644



43.1716, 27.9075, -64.0032



36.5691, -1.9239, -1.2557



25.4118, 20.8138, -76.6935



7.6018, 2.7082, -15.3477

Previews

White Background



This preview shows how the HunterLab color 68.7961, 1.7716, 31.3640 looks on a white background.

Color Contrast Check

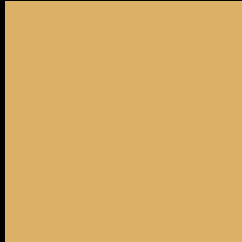
Large Text (above 18pt) WCAG AA × Fail

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 68.7961, 1.7716, 31.3640 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 68.7961, 1.7716, 31.3640 Background



This preview shows how black text looks on a background with the HunterLab color 68.7961, 1.7716, 31.3640.



This preview shows how white text looks on a background with the HunterLab color 68.7961, 1.7716,

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

68.7961, 1.7716, 31.3640

Protanopia

68.7782, -7.2829, 30.7324

Deuteranopia

68.8094, 4.7760, 31.1988



Tritanopia

68.8106, 18.0907, 5.0500

Trichromacy



Original Color

68.7961, 1.7716, 31.3640

Protanomaly

68.7842, -4.2306, 31.0214

Deuteranomaly

68.8638, 3.5003, 31.2189

Tritanomaly

68.5240, 11.4675, 16.3490

Monochromacy



Original Color

68.7961, 1.7716, 31.3640

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

68.1262, -3.0985, 15.6967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7961, 1.7716, 31.3640 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(218, 177, 103)` looks like.

```
.text, #text, p{  
    color:rgb(218, 177, 103)  
}
```

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(218, 177, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 177, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7961, 1.7716, 31.3640 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(218, 177, 103) }
```


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

```
.border{ border-color:rgb(218, 177, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 177, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 177, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 177, 103);  
box-shadow:4px 4px 4px 4px rgb(218, 177,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7961, 1.7716, 31.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 177, 103) }
```

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

```
.background{ background-color: rgb(218,  
177, 103) }
```

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