

Converting Colors

HunterLab(64.7977, -40.3406,
6.0924)

Have a look what the booklet for
HunterLab(64.7977, -40.3406,
6.0924) contains.

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Color

**HunterLab(64.6401,
-40.2234, 6.0363)**

Conversions

Conversions Part 1

Format	Color
Hex	00C3A6
RGB	0, 195, 166
RGB Percent	0%, 76%, 65%
CMY	0.9999, 0.2353, 0.3490
CMYK	1.00, 0.00, 0.15, 0.24
HSL	171°, 100%, 38%
HSV	171°, 100%, 76%
XYZ	26.3981, 41.7834, 42.7501
YIQ	133.3890, -106.9110, -50.3590

Conversions

Conversions Part 2

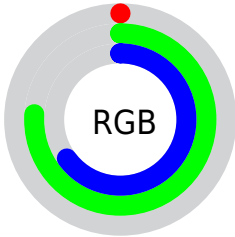
Format	Color
RYB	0, 105, 195
Decimal	50086
CIELab	70.72, -47.58, 3.07
CIELCh	71, 47.675, 176.307
Yxy	41.7850, 0.2380, 0.3767
Android (android.graphics.Color)	4278240166 (0xFF00C3A6)
YUV	133.3890, 16.0772, -116.9822
Hunter-Lab	64.6401, -40.2234, 6.0363

Details

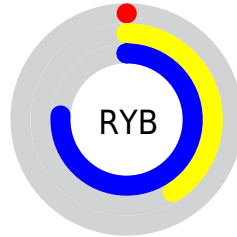
The HunterLab color **64.6401, -40.2234, 6.0363** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.1936, 58.8126, 20.0805**, and the grayscale version is **48.5573, -2.5909, 2.6382**.

A 20% lighter version of the original color is **88.0954, -46.3149, 7.4341**, and **44.6890, -28.6155, 5.9153** is the 20% darker color. If you saturate the color by 10%, you get **64.6411, -40.2250, 6.0386**, and if you desaturate by 10%, it is **64.8354, -39.2734, 4.9822**.

Distribution



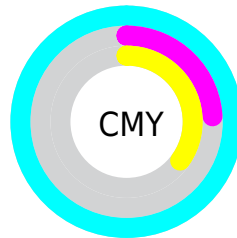
- Red (0%)
- Green (76%)
- Blue (65%)



- Red (0%)
- Yellow (41%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6401, -40.2234, 6.0363 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 64.6401, -40.2234, 6.0363 by changing the saturation by 10% instead.


 64.6401, -40.2234,
6.0363

 64.6401, -40.2234,
6.0363


188.0402,
-66.1642, 13.8686


 53.7894, -36.8648,
5.2903


 88.2463, -46.5275,
7.6081


 43.6236, -33.3190,
4.5699


 100.9357,
-49.5225, 8.4315


 34.1937, -29.5297,
3.8758


 114.1809,
-52.4364, 9.2794

 25.5624, -25.4121,
3.2074

 127.9596,
-55.2822, 10.1513

 17.8119, -20.8308,
2.5627

 142.2518,
-58.0701, 11.0467

 11.0567, -19.3493,
1.9359

157.0398,

 2.8281, -4.9491,

-60.8087, 11.9650

1.9797

172.3075,
-63.5048, 12.9058

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6401, -40.2234,
6.0363

■ 64.6401, -40.2234,
6.0363

■ 64.6411, -40.2250,
6.0386

■ 64.8354, -39.2734,
4.9822

■ 65.1418, -37.8730,
4.0437

■ 65.5977, -35.8819,
3.2732

■ 66.2201, -33.2493,
2.6973

■ 67.0210, -29.9502,

2.3358

■ 68.0084, -25.9815,
2.2020

■ 69.1872, -21.3591,
2.3036

■ 70.5591, -16.1137,
2.6424

■ 72.1234, -10.2878,
3.2153

Harmonies

Analogous

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



64.6413, -34.7920, 21.9763



64.6401, -40.2234, 6.0363



64.6413, -36.9316, -16.7897

Triad

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



64.6413, -40.2237, 6.0370



64.6413, 16.2153, -43.4663



64.6413, 21.5110, 28.6989

Complementary

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



64.6401, -40.2234, 6.0363



34.1936, 58.8126, 20.0805

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.



64.6413, 38.6277, 18.8272



64.6401, -40.2234, 6.0363



64.6413, 35.2966, -22.7725

Square

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



64.6413, -40.2237, 6.0370



64.6413, -6.1330, -50.3346



64.6413, 43.9777, 0.8946



64.6413, -0.7278, 32.0224

Rectangle

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



64.6401, -40.2234, 6.0363



64.6413, -29.9605, -32.5090



64.6413, 43.9777, 0.8946



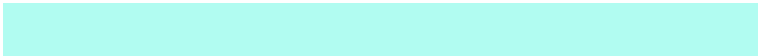
64.6413, 28.1630, 26.2381

Sweetspot

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



64.6413, -40.2237, 6.0370



92.5091, -28.9008, 3.0690



62.6873, -52.6665, 37.7048



42.9612, -14.8102, 1.3937

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6413, -40.2237, 6.0370



86.4898, -53.9349, 8.3253



43.6553, -5.2110, -43.3139



33.7667, -4.6321, 1.5233



52.1217, -32.3717, 4.7337



10.8672, -6.5297, 0.5128

Inverse Universe

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



34.1936, 58.8126, 20.0805



45.7347, 78.6217, 27.2296



39.7110, 41.0381, 25.1869



31.7833, 1.2873, 2.1194



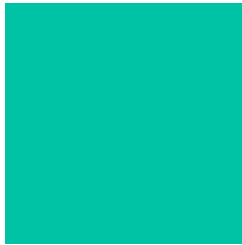
27.5795, 47.4682, 15.9798



5.8019, 10.1222, 2.3053

Previews

White Background



This preview shows how the HunterLab color 64.6401, -40.2234, 6.0363 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 64.6401, -40.2234, 6.0363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

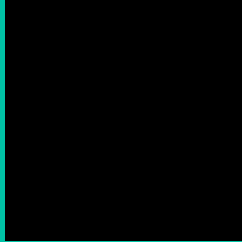
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

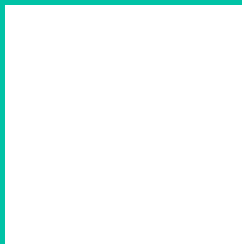
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.6401, -40.2234, 6.0363 Background



This preview shows how black text looks on a background with the HunterLab color 64.6401, -40.2234, 6.0363.



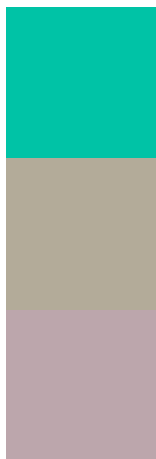
This preview shows how white text looks on a background with the HunterLab color 64.6401, -40.2234, 6.0363.

-40.2234, 6.0363.

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

64.6401, -40.2234, 6.0363

Protanopia

64.0386, -3.6298, 11.4945

Deuteranopia

63.9862, 4.6924, 3.3450



Tritanopia

64.8220, -28.2001, -13.3791

Trichromacy



Original Color

64.6401, -40.2234, 6.0363



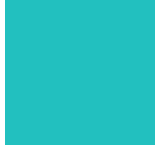
Protanomaly

62.2001, -24.3865, 7.0662



Deuteranomaly

61.9190, -19.7884, 1.3923



Tritanomaly

64.6536, -33.3182, -5.9451

Monochromacy



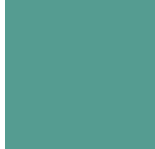
Original Color

64.6401, -40.2234, 6.0363



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.6807, -21.8981, 1.9294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6401, -40.2234, 6.0363 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(0, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 166)  
}
```

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(0, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6401, -40.2234, 6.0363 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(0, 195, 166) }
```


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

```
.border{ border-color:rgb(0, 195, 166) }
```

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

Here you see how a box with a 4 pixel rgb(0, 195, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6401, -40.2234, 6.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 166) }
```

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

```
.background{ background-color: rgb(0, 195,  
166) }
```

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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