

Converting Colors

HunterLab(64.4493, -40.4685,
8.0455)

Have a look what the booklet for
HunterLab(64.4493, -40.4685,
8.0455) contains.

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Color

**HunterLab(64.6079,
-40.6320, 8.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	13C3A1
RGB	19, 195, 161
RGB Percent	7%, 76%, 63%
CMY	0.9254, 0.2353, 0.3686
CMYK	0.90, 0.00, 0.17, 0.24
HSL	168°, 82%, 42%
HSV	168°, 90%, 76%
XYZ	26.2166, 41.7418, 40.3933
YIQ	138.5000, -93.9820, -47.8860

Conversions

Conversions Part 2

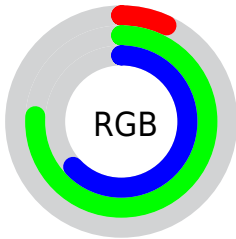
Format	Color
RYB	19, 116, 195
Decimal	1295265
CIELab	70.69, -48.20, 5.76
CIELCh	71, 48.544, 173.182
Yxy	41.7434, 0.2420, 0.3852
Android (android.graphics.Color)	4279485345 (0xFF13C3A1)
YUV	138.5000, 11.0925, -104.8015
Hunter-Lab	64.6079, -40.6320, 8.1570

Details

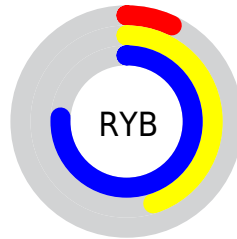
The HunterLab color **64.6079, -40.6320, 8.1570** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.1084, 57.4434, 16.9476**, and the grayscale version is **50.5993, -2.6999, 2.7492**.

A 20% lighter version of the original color is **88.0464, -46.8066, 9.6868**, and **44.5892, -29.2217, 7.3486** is the 20% darker color. If you saturate the color by 10%, you get **64.4027, -41.6692, 9.4541**, and if you desaturate by 10%, it is **64.9321, -39.1192, 6.9224**.

Distribution



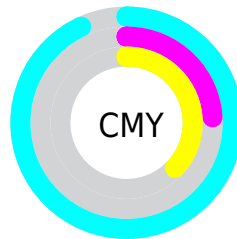
- Red (7%)
- Green (76%)
- Blue (63%)



- Red (7%)
- Yellow (45%)
- Blue (76%)



- Cyan (90%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)





- Cyan (93%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6079, -40.6320, 8.1570 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 64.6079, -40.6320, 8.1570 by changing the saturation by 10% instead.


 64.6079, -40.6320,
8.1570

 64.6079, -40.6320,
8.1570


187.9942,
-66.8462, 16.9911


 53.7591, -37.2332,
7.2690


 88.2106, -47.0085,
9.9877


 43.5953, -33.6435,
6.3960


 100.8983,
-50.0364, 10.9307


 34.1676, -29.8059,
5.5357


 114.1420,
-52.9815, 11.8927

 25.5388, -25.6341,
4.6834

 127.9192,
-55.8570, 12.8741

 17.7910, -20.9907,
3.8299

 142.2100,
-58.6734, 13.8746

 11.0389, -19.3180,
2.9679

156.9966,

 2.7711, -4.8495,

-61.4392, 14.8944

1.9398

172.2629,
-64.1615, 15.9333

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6079, -40.6320,
8.1570

■ 64.6079, -40.6320,
8.1570

■ 64.4027, -41.6692,
9.4541

■ 64.9321, -39.1192,
6.9224

■ 65.4055, -37.0079,
5.8347

■ 66.0463, -34.2479,
4.9232

■ 66.8665, -30.8157,
4.2102

■ 67.8741, -26.7101,

3.7120

■ 69.0735, -21.9486,
3.4394

■ 70.4666, -16.5639,
3.3973

■ 72.0524, -10.6001,
3.5858

■ 73.8280, -4.1090,
4.0006

Harmonies

Analogous

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



64.6091, -34.2166, 23.4380



64.6079, -40.6320, 8.1570



64.6091, -38.2184, -14.6128

Triad

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



64.6091, -40.6324, 8.1577



64.6091, 14.2405, -46.1030



64.6091, 24.1949, 28.3242

Complementary

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



64.6079, -40.6320, 8.1570



35.1084, 57.4434, 16.9476

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.



64.6091, 40.6961, 17.5561



64.6079, -40.6320, 8.1570



64.6091, 34.4281, -25.8840

Square

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



64.6091, -40.6324, 8.1577



64.6091, -8.4446, -51.2447



64.6091, 44.6736, -1.4960



64.6091, 1.6994, 32.2542

Rectangle

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



64.6079, -40.6320, 8.1570



64.6091, -31.7438, -30.9310



64.6091, 44.6736, -1.4960



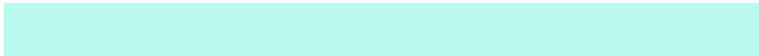
64.6091, 30.7438, 25.6036

Sweetspot

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



64.6091, -40.6324, 8.1577



92.9400, -27.4164, 4.5554



63.1418, -50.6616, 37.4415



43.2051, -13.9528, 2.1607

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6091, -40.6324, 8.1577



86.1672, -55.8905, 12.9499



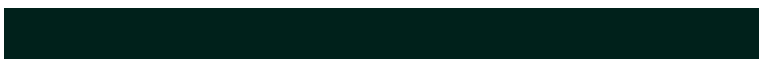
48.4629, -11.7961, -33.5104



33.7550, -4.6969, 1.6893



51.9316, -33.5233, 7.4573



10.8352, -6.7226, 0.9692

Inverse Universe

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



35.1084, 57.4434, 16.9476



45.8251, 78.9567, 25.8921



40.3238, 39.7874, 24.6369



31.7946, 1.3484, 1.9572



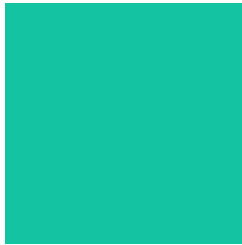
27.6403, 47.6936, 15.0804



5.8297, 10.2242, 1.9007

Previews

White Background



This preview shows how the HunterLab color 64.6079, -40.6320, 8.1570 looks on a white background.

Color Contrast Check

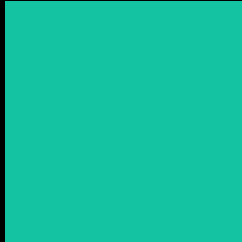
Large Text (above 18pt) WCAG AA × Fail

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 64.6079, -40.6320, 8.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

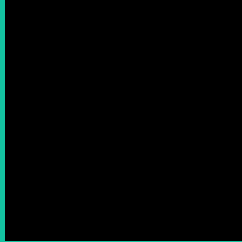
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

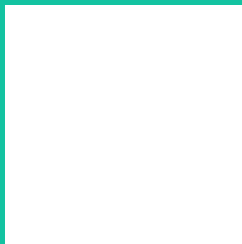
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.6079, -40.6320, 8.1570 Background



This preview shows how black text looks on a background with the HunterLab color 64.6079, -40.6320, 8.1570.



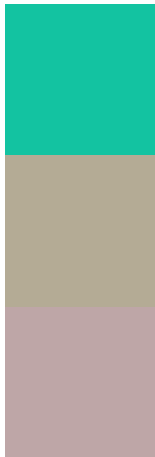
This preview shows how white text looks on a background with the HunterLab color 64.6079, -40.6320, 8.1570.

-40.6320, 8.1570.

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

64.6079, -40.6320, 8.1570

Protanopia

64.0305, -3.8611, 13.0590

Deuteranopia

64.0387, 4.5740, 5.6923



Tritanopia

64.5636, -27.5558, -13.1592

Trichromacy



Original Color

64.6079, -40.6320, 8.1570



Protanomaly

62.4559, -23.6825, 9.4611



Deuteranomaly

62.2496, -18.8524, 4.1230



Tritanomaly

64.3645, -32.9159, -4.7411

Monochromacy



Original Color

64.6079, -40.6320, 8.1570



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.1625, -21.0151, 2.7898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6079, -40.6320, 8.1570 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(19, 195, 161)` looks like.

```
.text, #text, p{  
    color:rgb(19, 195, 161)  
}
```

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(19, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 195, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6079, -40.6320, 8.1570 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(19, 195, 161) }
```


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

```
.border{ border-color:rgb(19, 195, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 195, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 195, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 195, 161);  
box-shadow:4px 4px 4px 4px rgb(19, 195,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6079, -40.6320, 8.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 195, 161) }
```

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

```
.background{ background-color: rgb(19, 195,  
161) }
```

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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