

Converting Colors

HunterLab(66.2788, -40.2083,
5.2007)

Have a look what the booklet for
HunterLab(66.2788, -40.2083,
5.2007) contains.

HunterLab(66.3130, -40.2518, 5.2609)	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(66.3130,
-40.2518, 5.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	14C7AC
RGB	20, 199, 172
RGB Percent	8%, 78%, 67%
CMY	0.9215, 0.2196, 0.3255
CMYK	0.90, 0.00, 0.14, 0.22
HSL	171°, 82%, 43%
HSV	171°, 90%, 78%
XYZ	28.1583, 43.9741, 46.0335
YIQ	142.4010, -98.0170, -46.3450

Conversions

Conversions Part 2

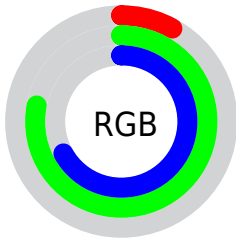
Format	Color
RYB	20, 117, 199
Decimal	1361836
CIELab	72.21, -46.90, 1.98
CIElCh	72, 46.944, 177.580
Yxy	43.9758, 0.2383, 0.3721
Android (android.graphics.Color)	4279551916 (0xFF14C7AC)
YUV	142.4010, 14.5923, -107.3457
Hunter-Lab	66.3130, -40.2518, 5.2609

Details

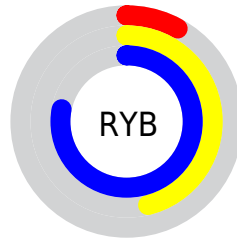
The HunterLab color **66.3130, -40.2518, 5.2609** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.8454, 58.3675, 18.6578**, and the grayscale version is **52.1445, -2.7823, 2.8331**.

A 20% lighter version of the original color is **89.5155, -45.8437, 6.2219**, and **46.1547, -29.0887, 5.1048** is the 20% darker color. If you saturate the color by 10%, you get **66.1163, -41.2244, 6.3585**, and if you desaturate by 10%, it is **66.6281, -38.8149, 4.2841**.

Distribution



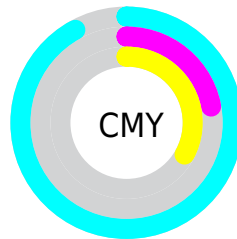
- Red (8%)
- Green (78%)
- Blue (67%)



- Red (8%)
- Yellow (46%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.3130, -40.2518, 5.2609 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 66.3130, -40.2518, 5.2609 by changing the saturation by 10% instead.

■ 66.3130, -40.2518,
5.2609

■ 66.3130, -40.2518,
5.2609

190.4231,
-65.8090, 12.7289

■ 55.3638, -36.9597,
4.5665

■ 90.1007, -46.4446,
6.7385

■ 45.0928, -33.4906,
3.9016

■ 102.8744,
-49.3916, 7.5185

■ 35.5497, -29.7925,
3.2680

■ 116.2004,
-52.2615, 8.3249

■ 26.7948, -25.7870,
2.6666

■ 130.0568,
-55.0665, 9.1570

■ 18.9068, -21.3501,
2.0979

■ 144.4241,
-57.8164, 10.0141

■ 11.9942, -18.9055,
1.5614

159.2845,

■ 4.9489, -8.6606,

-60.5192, 10.8955

1.9295

174.6223,
-63.1816, 11.8006

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3130, -40.2518,
5.2609

■ 66.3130, -40.2518,
5.2609

■ 66.1163, -41.2244,
6.3585

■ 66.6281, -38.8149,
4.2841

■ 66.1152, -41.2298,
6.3650

■ 67.0954, -36.7720,
3.4778

■ 67.7334, -34.0708,
2.8702

■ 68.5544, -30.6856,
2.4817

■ 69.5669, -26.6136,

2.3265

■ 70.7756, -21.8709,
2.4122

■ 72.1825, -16.4893,
2.7409

■ 73.7867, -10.5125,
3.3098

■ 75.5854, -3.9922,
4.1115

Harmonies

Analogous

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



66.3143, -35.1802, 21.5393



66.3130, -40.2518, 5.2609



66.3143, -36.5838, -17.4917

Triad

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



66.3143, -40.2521, 5.2616



66.3143, 16.8757, -42.0165



66.3143, 20.3106, 29.1110

Complementary

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



66.3130, -40.2518, 5.2609



35.8454, 58.3675, 18.6578

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.



66.3143, 37.5842, 19.4653



66.3130, -40.2518, 5.2609



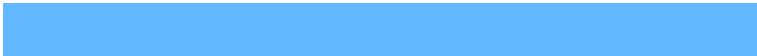
66.3143, 35.4287, -21.3536

Square

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



66.3143, -40.2521, 5.2616



66.3143, -5.2922, -49.4658



66.3143, 43.4399, 1.9141



66.3143, -1.7733, 32.2574

Rectangle

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



66.3130, -40.2518, 5.2609



66.3143, -29.3759, -32.8291



66.3143, 43.4399, 1.9141



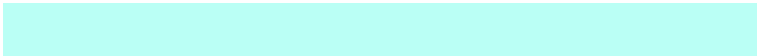
66.3143, 26.9743, 26.7122

Sweetspot

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



66.3143, -40.2521, 5.2616



94.0993, -27.2059, 3.2720



64.4772, -52.3215, 38.2052



43.2539, -13.6726, 1.4656

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.3143, -40.2521, 5.2616



87.4673, -54.6554, 8.6587



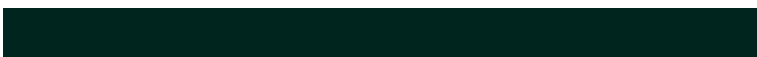
47.7880, -9.3715, -37.7576



34.6973, -4.7723, 1.5726



53.0257, -33.0021, 4.9645



11.5716, -6.9809, 0.6063

Inverse Universe

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



35.8454, 58.3675, 18.6578



46.2634, 79.5365, 27.4984



42.2891, 37.9577, 25.7938



32.6536, 1.3365, 2.1710



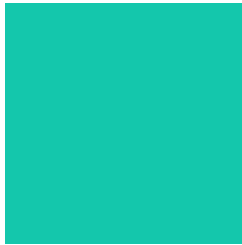
28.0646, 48.3058, 16.2410



6.1765, 10.7686, 2.5099

Previews

White Background



This preview shows how the HunterLab color 66.3130, -40.2518, 5.2609 looks on a white background.

Color Contrast Check

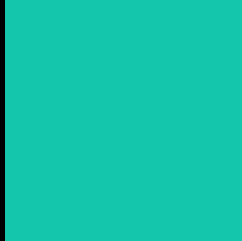
Large Text (above 18pt) WCAG AA × Fail

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 66.3130, -40.2518, 5.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

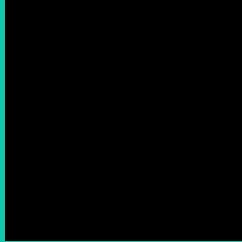
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

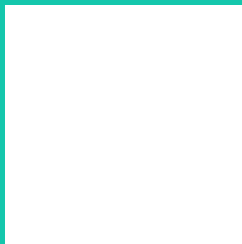
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.3130, -40.2518, 5.2609 Background



This preview shows how black text looks on a background with the HunterLab color 66.3130, -40.2518, 5.2609.



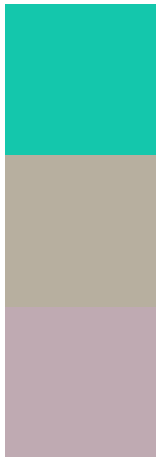
This preview shows how white text looks on a background with the HunterLab color 66.3130,

-40.2518, 5.2609.

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

66.3130, -40.2518, 5.2609

Protanopia

65.7498, -3.4379, 10.8763

Deuteranopia

65.6050, 4.6260, 2.4413



Tritanopia

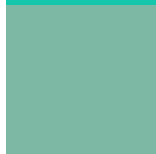
66.3754, -28.7891, -13.4863

Trichromacy



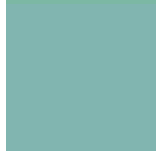
Original Color

66.3130, -40.2518, 5.2609



Protanomaly

64.2234, -23.0246, 6.7470



Deuteranomaly

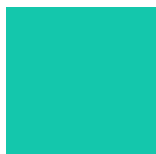
63.9136, -18.5301, 0.9559



Tritanomaly

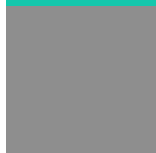
66.3331, -33.3562, -6.3892

Monochromacy



Original Color

66.3130, -40.2518, 5.2609



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

55.7593, -21.1199, 1.9436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3130, -40.2518, 5.2609 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(20, 199, 172)` looks like.

```
.text, #text, p{  
  color:rgb(20, 199, 172)  
}
```

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(20, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 199, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3130, -40.2518, 5.2609 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(20, 199, 172) }
```


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

```
.border{ border-color:rgb(20, 199, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(20, 199,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3130, -40.2518, 5.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 199, 172) }
```

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

```
.background{ background-color: rgb(20, 199,  
172) }
```

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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