

Converting Colors

HunterLab(66.0079, -35.1556,
-2.7691)

Have a look what the booklet for
HunterLab(66.0079, -35.1556,
-2.7691) contains.

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Color

**HunterLab(66.0014,
-35.2004, -2.6856)**

Conversions

Conversions Part 1

Format	Color
Hex	28C4BC
RGB	40, 196, 188
RGB Percent	16%, 77%, 74%
CMY	0.8431, 0.2314, 0.2627
CMYK	0.80, 0.00, 0.04, 0.23
HSL	177°, 66%, 46%
HSV	177°, 80%, 77%
XYZ	29.6921, 43.5618, 54.4204
YIQ	148.4440, -90.4080, -35.5600

Conversions

Conversions Part 2

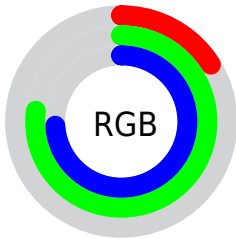
Format	Color
RYB	40, 120, 196
Decimal	2671804
CIELab	71.94, -39.76, -7.11
CIELCh	72, 40.395, 190.134
Yxy	43.5635, 0.2326, 0.3412
Android (android.graphics.Color)	4280861884 (0xFF28C4BC)
YUV	148.4440, 19.5011, -95.1054
Hunter-Lab	66.0014, -35.2004, -2.6856

Details

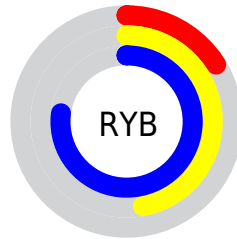
The HunterLab color **66.0014, -35.2004, -2.6856** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **36.6989, 52.7962, 19.0179**, and the grayscale version is **54.5499, -2.9106, 2.9638**.

A 20% lighter version of the original color is **89.6811, -40.4554, -2.0311**, and **45.6059, -25.4139, -2.1421** is the 20% darker color. If you saturate the color by 10%, you get **65.7434, -36.2947, -2.5214**, and if you desaturate by 10%, it is **66.4111, -33.5240, -2.6500**.

Distribution



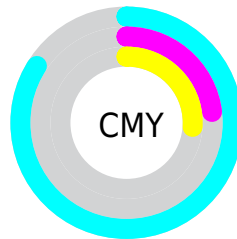
- Red (16%)
- Green (77%)
- Blue (74%)



- Red (16%)
- Yellow (47%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)





- Cyan (84%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.0014, -35.2004, -2.6856 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 66.0014, -35.2004, -2.6856 by changing the saturation by 10% instead.


 66.0014, -35.2004,
-2.6856


 66.0014, -35.2004,
-2.6856


189.9800,
-57.7261, 1.6184


 55.0704, -32.3479,
-2.9472


 89.7555, -40.5978,
-2.0098


 44.8189, -29.3550,
-3.1533


 102.5136,
-43.1808, -1.6047


 35.2966, -26.1786,
-3.2968


 115.8246,
-45.7046, -1.1584

 26.5646, -22.7533,
-3.3695

 129.6667,
-48.1794, -0.6732

 18.7019, -18.9742,
-3.3609

 144.0200,
-50.6131, -0.1513

 11.8183, -16.3745,
-3.2570

158.8670,

 4.6293, -8.1012,

-53.0120, 0.4057

-6.1120

174.1918,
-55.3815, 0.9960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0014, -35.2004,
-2.6856

■ 66.0014, -35.2004,
-2.6856

■ 65.7434, -36.2947,
-2.5214

■ 66.4111, -33.5240,
-2.6500

■ 65.5982, -36.9385,
-2.2078

■ 66.9857, -31.2112,
-2.3948

■ 65.5928, -36.9625,
-2.1940

■ 67.7390, -28.2333,
-1.9050

■ 68.6794, -24.5832,
-1.1734

■ 69.8121, -20.2723,

-0.1991

■ 71.1392, -15.3277,
1.0130

■ 72.6605, -9.7883,
2.4535

■ 74.3735, -3.7020,
4.1095

■ 76.2739, 2.8783,
5.9654

Harmonies

Analogous

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



66.0026, -33.9344, 14.1501



66.0014, -35.2004, -2.6856



66.0026, -28.7277, -22.3455

Triad

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



66.0026, -35.2006, -2.6847



66.0026, 21.1732, -28.1098



66.0026, 9.0872, 28.2675

Complementary

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



66.0014, -35.2004, -2.6856



36.6989, 52.7962, 19.0179

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.



66.0026, 26.1377, 21.9909



66.0014, -35.2004, -2.6856



66.0026, 33.6336, -9.0605

Square

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



66.0026, -35.2006, -2.6847



66.0026, 2.8927, -39.4952



66.0026, 35.5449, 9.3084



66.0026, -9.7070, 29.0944

Rectangle

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



66.0014, -35.2004, -2.6856



66.0026, -20.4245, -33.2908



66.0026, 35.5449, 9.3084



66.0026, 15.2663, 26.8286

Sweetspot

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



66.0026, -35.2006, -2.6847



94.8590, -23.9217, 0.5425



63.5005, -50.8028, 36.3639



43.5941, -12.1595, -0.0138

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.0026, -35.2006, -2.6847



88.3308, -49.5343, -3.0586



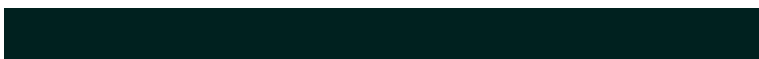
44.7010, -3.9050, -41.7951



33.7924, -4.4891, 1.1567



52.5814, -29.6055, -1.8123



10.9425, -6.0777, -0.5571

Inverse Universe

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



36.6989, 52.7962, 19.0179



46.4137, 78.3900, 28.9530



47.4681, 23.9913, 27.1608



31.7586, 1.1543, 2.4721



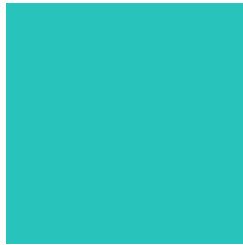
27.4933, 47.1488, 17.2563



5.7406, 9.8958, 3.2062

Previews

White Background



This preview shows how the HunterLab color 66.0014, -35.2004, -2.6856 looks on a white background.

Color Contrast Check

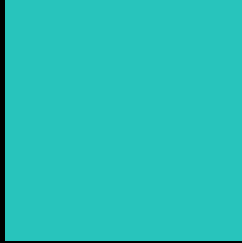
Large Text (above 18pt) WCAG AA × Fail

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 66.0014, -35.2004, -2.6856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

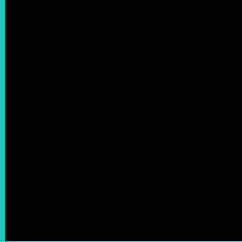
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

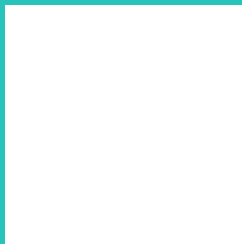
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.0014, -35.2004, -2.6856 Background



This preview shows how black text looks on a background with the HunterLab color 66.0014, -35.2004, -2.6856.



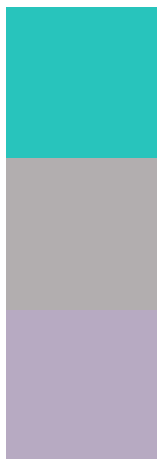
This preview shows how white text looks on a background with the HunterLab color 66.0014,

-35.2004, -2.6856.

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

66.0014, -35.2004, -2.6856

Protanopia

65.4463, -2.0684, 3.5492

Deuteranopia

65.3542, 4.8247, -5.9476



Tritanopia

66.0183, -28.4441, -13.9917

Trichromacy



Original Color

66.0014, -35.2004, -2.6856



Protanomaly

64.2965, -18.4937, -0.5224



Deuteranomaly

63.9306, -14.1706, -7.1036



Tritanomaly

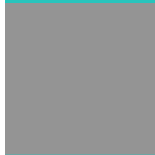
65.9384, -31.0675, -9.5997

Monochromacy



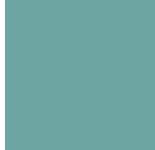
Original Color

66.0014, -35.2004, -2.6856



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

57.2764, -18.0440, -0.8910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.0014, -35.2004, -2.6856 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(40, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(40, 196, 188)  
}
```

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(40, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 196, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 66.0014, -35.2004, -2.6856 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(40, 196, 188) }
```


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

```
.border{ border-color:rgb(40, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(40, 196,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.0014, -35.2004, -2.6856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 196, 188) }
```

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

```
.background{ background-color: rgb(40, 196,  
188) }
```

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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