

Converting Colors

HunterLab(66.4282, -37.7781,
3.6108)

Have a look what the booklet for
HunterLab(66.4282, -37.7781,
3.6108) contains.

HunterLab(66.4282, -37.7781, 3.6108)	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(66.4282,
-37.7781, 3.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	2FC6B0
RGB	47, 198, 176
RGB Percent	18%, 78%, 69%
CMY	0.8157, 0.2235, 0.3098
CMYK	0.76, 0.00, 0.11, 0.22
HSL	171°, 62%, 48%
HSV	171°, 76%, 78%
XYZ	29.2028, 44.1271, 48.0525
YIQ	150.3430, -82.9340, -38.8540

Conversions

Conversions Part 2

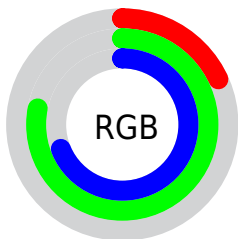
Format	Color
RYB	47, 128, 198
Decimal	3131056
CIELab	72.31, -43.27, -0.01
CIElCh	72, 43.271, 180.007
Yxy	44.1288, 0.2406, 0.3635
Android (android.graphics.Color)	4281321136 (0xFF2FC6B0)
YUV	150.3430, 12.6489, -90.6318
Hunter-Lab	66.4282, -37.7781, 3.6108

Details

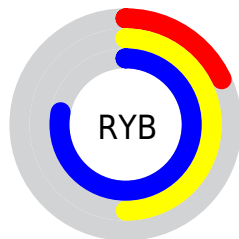
The HunterLab color **66.4282, -37.7781, 3.6108** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **38.0390, 52.5325, 15.5810**, and the grayscale version is **55.3406, -2.9528, 3.0068**.

A 20% lighter version of the original color is **90.0711, -43.3526, 4.4885**, and **45.9349, -28.0793, 3.2005** is the 20% darker color. If you saturate the color by 10%, you get **66.0659, -39.4060, 4.4863**, and if you desaturate by 10%, it is **66.9524, -35.5270, 2.9200**.

Distribution



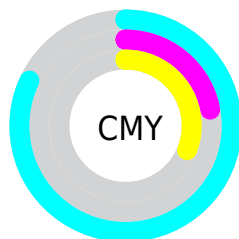
- Red (18%)
- Green (78%)
- Blue (69%)



- Red (18%)
- Yellow (50%)
- Blue (78%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (82%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.4282, -37.7781, 3.6108 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 66.4282, -37.7781, 3.6108 by changing the saturation by 10% instead.


 66.4282, -37.7781,
3.6108


 66.4282, -37.7781,
3.6108


190.5868,
-61.7747, 10.3680


 55.4723, -34.7140,
3.0154


 90.2283, -43.5598,
4.9066

 45.1941, -31.4926,
2.4562


 103.0077,
-46.3191, 5.6020


 35.6433, -28.0667,
1.9366


 116.3393,
-49.0108, 6.3274

 26.8800, -24.3653,
1.4599

 130.2010,
-51.6459, 7.0817

 18.9827, -20.2753,
1.0304

 144.5734,
-54.2333, 7.8639

 12.0594, -17.5597,
0.6540

159.4388,

 5.0619, -8.8583,

-56.7801, 8.6729

0.2713

174.7814,
-59.2922, 9.5078

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4282, -37.7781,
3.6108

■ 66.4282, -37.7781,
3.6108

■ 66.0659, -39.4060,
4.4863

■ 66.9524, -35.5270,
2.9200

■ 65.8395, -40.4863,
5.5107

■ 67.6498, -32.6099,
2.4359


■ 65.7722, -40.8203,
5.9097


■ 68.5326, -29.0102,
2.1769


■ 69.6077, -24.7321,
2.1543

■ 70.8787, -19.7975,

2.3732

 72.3466, -14.2425,
2.8336

 74.0098, -8.1138,
3.5304

 75.8647, -1.4647,
4.4547

 77.9062, 5.6481,
5.5948

Harmonies

Analogous

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



66.4295, -33.6653, 19.4192



66.4282, -37.7781, 3.6108



66.4295, -33.6616, -17.3899

Triad

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



66.4295, -37.7784, 3.6116



66.4295, 16.7861, -36.4750



66.4295, 16.7772, 28.1267

Complementary

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



66.4282, -37.7781, 3.6108



38.0390, 52.5325, 15.5810

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.



66.4295, 33.1178, 19.4247



66.4282, -37.7781, 3.6108



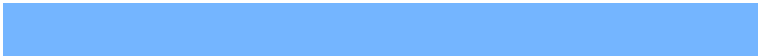
66.4295, 33.1233, -17.3801

Square

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



66.4295, -37.7784, 3.6116



66.4295, -3.5435, -44.3190



66.4295, 39.4199, 3.6203



66.4295, -3.5526, 30.7711

Rectangle

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



66.4282, -37.7781, 3.6108



66.4295, -26.4886, -30.9349



66.4295, 39.4199, 3.6203



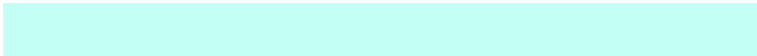
66.4295, 23.0016, 25.9703

Sweetspot

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



66.4295, -37.7784, 3.6116



94.8602, -24.2735, 3.3036



64.7181, -49.2429, 36.5523



43.5727, -12.4306, 1.4457

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.4295, -37.7784, 3.6116



87.6833, -53.5250, 6.9243



49.9801, -10.6254, -32.7686



34.6987, -4.7646, 1.5527



53.0489, -32.8620, 4.6332



11.5757, -6.9561, 0.5477

Inverse Universe

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



38.0390, 52.5325, 15.5810



46.9536, 78.1721, 25.8028



46.1501, 28.8750, 25.4868



32.6523, 1.3292, 2.1903



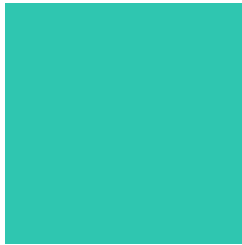
28.0583, 48.2825, 16.3339



6.1733, 10.7566, 2.5576

Previews

White Background



This preview shows how the HunterLab color 66.4282, -37.7781, 3.6108 looks on a white background.

Color Contrast Check

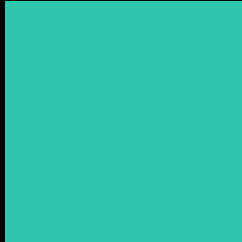
Large Text (above 18pt) WCAG AA × Fail

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 66.4282, -37.7781, 3.6108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

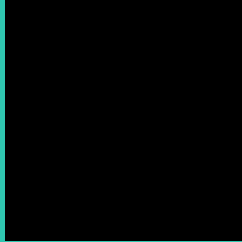
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

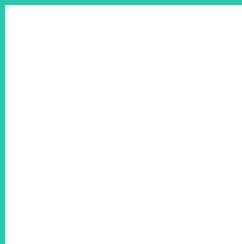
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.4282, -37.7781, 3.6108 Background



This preview shows how black text looks on a background with the HunterLab color 66.4282, -37.7781, 3.6108.



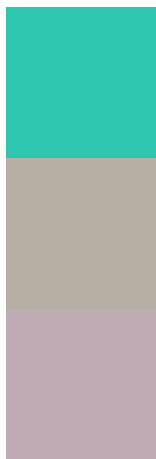
This preview shows how white text looks on a background with the HunterLab color 66.4282, -37.7781, 3.6108.

-37.7781, 3.6108.

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

66.4282, -37.7781, 3.6108

Protanopia

65.7643, -3.1732, 9.2289

Deuteranopia

65.9169, 4.4497, 0.8888



Tritanopia

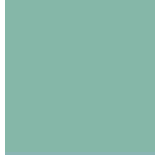
66.3116, -27.3158, -13.5515

Trichromacy



Original Color

66.4282, -37.7781, 3.6108



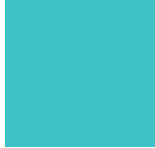
Protanomaly

64.5606, -19.8769, 5.4125



Deuteranomaly

64.6114, -15.7042, -0.0854



Tritanomaly

66.3491, -31.4828, -6.8704

Monochromacy



Original Color

66.4282, -37.7781, 3.6108



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.0098, -18.7847, 1.8917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.4282, -37.7781, 3.6108 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(47, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(47, 198, 176)  
}
```

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(47, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 198, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 66.4282, -37.7781, 3.6108 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(47, 198, 176) }
```


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

```
.border{ border-color:rgb(47, 198, 176) }
```

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

Here you see how a box with a 4 pixel rgb(47, 198, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(47, 198,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.4282, -37.7781, 3.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 198, 176) }
```

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

```
.background{ background-color: rgb(47, 198,  
176) }
```

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