

Converting Colors

HunterLab(66.0415, -37.7978,
15.7007)

Have a look what the booklet for
HunterLab(66.0415, -37.7978,
15.7007) contains.

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Color

**HunterLab(65.9800,
-37.6425, 15.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	56C492
RGB	86, 196, 146
RGB Percent	34%, 77%, 57%
CMY	0.6627, 0.2314, 0.4274
CMYK	0.56, 0.00, 0.26, 0.23
HSL	153°, 48%, 55%
HSV	153°, 56%, 77%
XYZ	28.7660, 43.5336, 34.0808
YIQ	157.4100, -49.5100, -38.8700

Conversions

Conversions Part 2

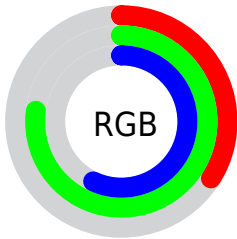
Format	Color
RYB	86, 157, 196
Decimal	5686418
CIELab	71.92, -43.25, 15.79
CIElCh	72, 46.039, 159.948
Yxy	43.5354, 0.2704, 0.4092
Android (android.graphics.Color)	4283876498 (0xFF56C492)
YUV	157.4100, -5.6251, -62.6266
Hunter-Lab	65.9800, -37.6425, 15.5608

Details

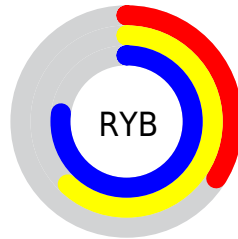
The HunterLab color $65.9800, -37.6425, 15.5608$ is a dark color, and the websafe version is hex $66CC99$. The color can be described as middle muted spring green. A complement of this color would be $44.9110, 42.7805, -2.3294$, and the grayscale version is $58.2708, -3.1092, 3.1660$.

A 20% lighter version of the original color is $89.6382, -43.2564, 18.3340$, and $44.6701, -31.2518, 12.6085$ is the 20% darker color. If you saturate the color by 10%, you get $65.1632, -41.3445, 17.8641$, and if you desaturate by 10%, it is $66.9962, -33.1932, 13.2928$.

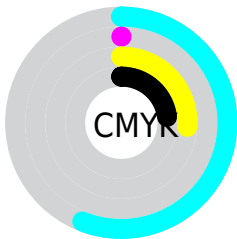
Distribution



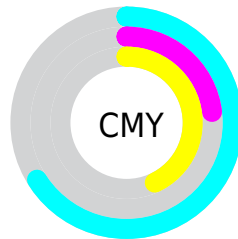
- Red (34%)
- Green (77%)
- Blue (57%)



- Red (34%)
- Yellow (62%)
- Blue (77%)



- Cyan (56%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)



- Cyan (66%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9800, -37.6425, 15.5608 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 65.9800, -37.6425, 15.5608 by changing the saturation by 10% instead.

65.9800, -37.6425,
15.5608

65.9800, -37.6425,
15.5608

189.9497,
-61.6508, 28.3130

55.0503, -34.5747,
14.1101

89.7319, -43.4300,
18.4127

44.8001, -31.3477,
12.6291

102.4889,
-46.1911, 19.8249

35.2793, -27.9141,
11.1040

115.7989,
-48.8842, 21.2337

26.5488, -24.2017,
9.5120

129.6400,
-51.5203, 22.6423

18.6879, -20.0951,
7.8162

143.9923,
-54.1084, 24.0528

11.8063, -17.6649,
6.5929

158.8385,

4.6066, -8.0615,

-56.6557, 25.4672

3.2246

174.1624,
-59.1682, 26.8869

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9800, -37.6425,
15.5608

■ 65.9800, -37.6425,
15.5608

■ 65.1632, -41.3445,
17.8641

■ 66.9962, -33.1932,
13.2928

■ 64.5325, -44.3000,
20.1680

■ 68.2133, -28.0145,
11.0885

■ 64.0747, -46.5409,
22.4385

■ 69.6348, -22.1458,
8.9754

■ 63.7685, -48.1367,
24.6386

■ 71.2598, -15.6393,
6.9762

■ 63.6718, -48.6575,

■ 73.0849, -8.5565,

25.4533

5.1089

■ 75.1052, -0.9633,
3.3869

■ 77.3138, 7.0735,
1.8190

■ 79.7030, 15.4892,
0.4099

■ 81.3896, 21.4712,
-1.9850

Harmonies

Analogous

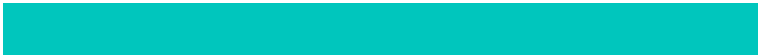
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.9813, -27.7310, 26.9555



65.9800, -37.6425, 15.5608



65.9813, -39.0937, -3.4712

Triad

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



65.9813, -37.6432, 15.5614



65.9813, 3.6731, -47.2137



65.9813, 30.7580, 23.9682

Complementary

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



65.9800, -37.6425, 15.5608



44.9110, 42.7805, -2.3294

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.



65.9813, 41.6632, 9.9507



65.9800, -37.6425, 15.5608



65.9813, 24.7699, -33.6287

Square

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



65.9813, -37.6432, 15.5614



65.9813, -16.9388, -44.2593



65.9813, 39.3431, -11.1501



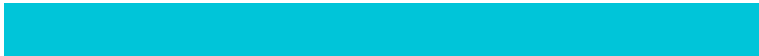
65.9813, 11.0560, 30.6377

Rectangle

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



65.9800, -37.6425, 15.5608



65.9813, -35.2856, -18.8701



65.9813, 39.3431, -11.1501



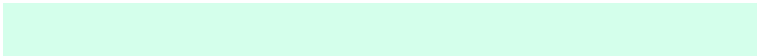
65.9813, 35.6804, 20.1776

Sweetspot

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



65.9813, -37.6432, 15.5614



95.6453, -22.0928, 9.6889



67.4538, -33.9137, 33.2320



44.0362, -11.0698, 4.7321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.9813, -37.6432, 15.5614



87.5212, -56.4911, 24.6432



66.1903, -27.5789, -6.4787



33.6878, -5.0712, 2.6488



51.0548, -38.8961, 20.1514



10.6771, -7.6864, 3.2474

Inverse Universe

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



44.9110, 42.7805, -2.3294



54.9781, 69.1349, -1.6810



44.3451, 35.4011, 16.1730



31.8627, 1.7145, 0.9866



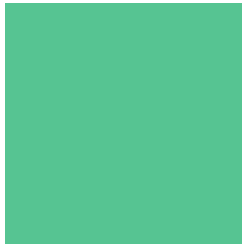
28.3234, 50.2041, 5.1277



6.0042, 10.8600, -0.5983

Previews

White Background



This preview shows how the HunterLab color 65.9800, -37.6425, 15.5608 looks on a white background.

Color Contrast Check

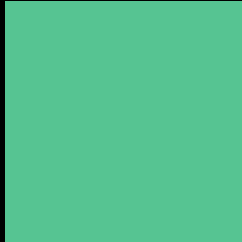
Large Text (above 18pt) WCAG AA × Fail

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 65.9800, -37.6425, 15.5608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

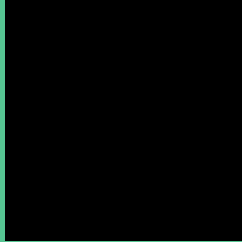
Any Text WCAG AA ✓ Pass

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 65.9800, -37.6425, 15.5608 Background



This preview shows how black text looks on a background with the HunterLab color 65.9800, -37.6425, 15.5608.



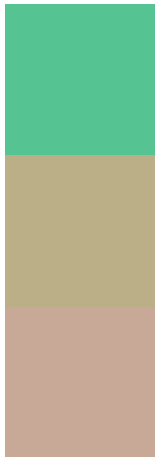
This preview shows how white text looks on a background with the HunterLab color 65.9800,

-37.6425, 15.5608.

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

65.9800, -37.6425, 15.5608

Protanopia

65.5761, -5.1493, 19.2578

Deuteranopia

65.5151, 4.3435, 13.5630



Tritanopia

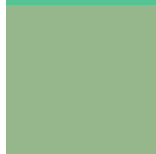
65.7793, -21.2463, -11.3301

Trichromacy



Original Color

65.9800, -37.6425, 15.5608



Protanomaly

64.9957, -19.6949, 17.0724



Deuteranomaly

64.6631, -13.9958, 13.1435



Tritanomaly

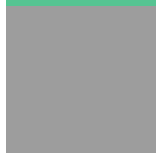
65.7434, -27.8749, -0.3795

Monochromacy



Original Color

65.9800, -37.6425, 15.5608



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

60.2088, -17.3952, 7.1188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.9800, -37.6425, 15.5608 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(86, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(86, 196, 146)  
}
```

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(86, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 196, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 65.9800, -37.6425, 15.5608 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(86, 196, 146) }
```


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

```
.border{ border-color:rgb(86, 196, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 196, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 196, 146);  
box-shadow:4px 4px 4px 4px rgb(86, 196,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.9800, -37.6425, 15.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 196, 146) }
```

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

```
.background{ background-color: rgb(86, 196,  
146) }
```

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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