

Converting Colors

HunterLab(66.4963, -35.1783,
30.2959)

Have a look what the booklet for
HunterLab(66.4963, -35.1783,
30.2959) contains.

HunterLab(66.5800, -35.3428, 30.3365)	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(66.5800,
-35.3428, 30.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC361
RGB	126, 195, 97
RGB Percent	49%, 76%, 38%
CMY	0.5059, 0.2353, 0.6196
CMYK	0.35, 0.00, 0.50, 0.24
HSL	102°, 45%, 57%
HSV	102°, 50%, 76%
XYZ	30.2770, 44.3290, 18.2699
YIQ	163.1970, -9.6660, -45.1060

Conversions

Conversions Part 2

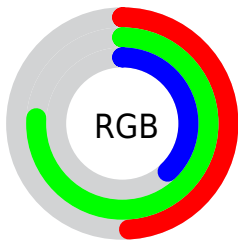
Format	Color
RYB	97, 195, 166
Decimal	8307553
CIELab	72.45, -39.76, 42.18
CIELCh	72, 57.972, 133.309
Yxy	44.3309, 0.3260, 0.4773
Android (android.graphics.Color)	4286497633 (0xFF7EC361)
YUV	163.1970, -32.6351, -32.6218
Hunter-Lab	66.5800, -35.3428, 30.3365

Details

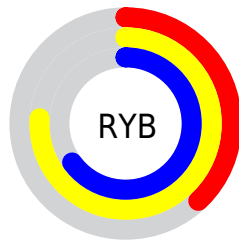
The HunterLab color $66.5800, -35.3428, 30.3365$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $45.3850, 37.9889, -38.8201$, and the grayscale version is $60.7334, -3.2406, 3.2998$.

A 20% lighter version of the original color is $90.4256, -40.5810, 36.0904$, and $45.4145, -29.5957, 24.0916$ is the 20% darker color. If you saturate the color by 10%, you get $65.6030, -39.7355, 33.2987$, and if you desaturate by 10%, it is $67.7177, -30.2870, 26.5957$.

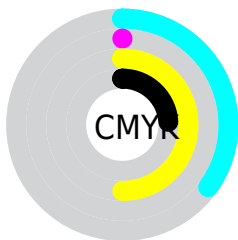
Distribution



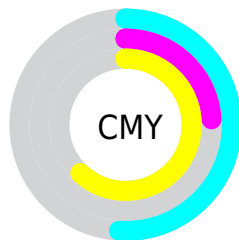
- Red (49%)
- Green (76%)
- Blue (38%)



- Red (38%)
- Yellow (76%)
- Blue (65%)



- Cyan (35%)
- Magenta (0%)
- Yellow (50%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.5800, -35.3428, 30.3365 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 66.5800, -35.3428, 30.3365 by changing the saturation by 10% instead.

■ 66.5800, -35.3428,
30.3365

■ 66.5800, -35.3428,
30.3365

190.8027,
-57.8463, 54.4225

■ 55.6154, -32.4977,
27.2325

■ 90.3966, -40.7324,
36.1773

■ 45.3278, -29.5129,
23.9665

■ 103.1836,
-43.3120, 38.9556

■ 35.7668, -26.3472,
20.4990

■ 116.5224,
-45.8332, 41.6602

■ 26.9924, -22.9368,
16.7813

■ 130.3912,
-48.3057, 44.3030

■ 19.0828, -19.1794,
13.3580

144.7703,
-50.7374, 46.8934

■ 12.1455, -16.2695,
8.5019

159.6422,

■ 5.2070, -9.1123,

-53.1347, 49.4393

3.6449

174.9911,
-55.5029, 51.9472

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5800, -35.3428,
30.3365

■ 66.5800, -35.3428,
30.3365

■ 65.6030, -39.7355,
33.2987

■ 67.7177, -30.2870,
26.5957

■ 64.7799, -43.4439,
35.4925

■ 69.0124, -24.5945,
22.0822

■ 64.1075, -46.4681,
36.9538

■ 70.4642, -18.3066,
16.8193

■ 63.5780, -48.8271,
37.7471

■ 72.0707, -11.4701,
10.8416


■ 63.1844, -50.5583,


■ 73.8280, -4.1356,


38.0488

4.1923

 75.7317, 3.6447,
-3.0800

 77.7765, 11.8190,
-10.9242

 79.9566, 20.3378,
-19.2880

 81.5461, 25.4890,
-18.0923

Harmonies

Analogous

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



66.5814, -15.0081, 35.8563



66.5800, -35.3428, 30.3365



66.5814, -46.0755, 16.2221

Triad

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



66.5814, -35.3441, 30.3370



66.5814, -17.7196, -62.5032



66.5814, 54.3773, 13.9498

Complementary

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



66.5800, -35.3428, 30.3365



45.3850, 37.9889, -38.8201

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.



66.5814, 53.3419, -12.0481



66.5800, -35.3428, 30.3365



66.5814, 8.7262, -63.9027

Square

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



66.5814, -35.3441, 30.3370



66.5814, -37.0575, -39.5298



66.5814, 35.6052, -42.8230



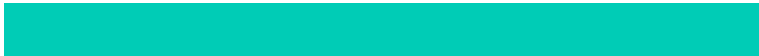
66.5814, 38.2432, 29.2427

Rectangle

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



66.5800, -35.3428, 30.3365



66.5814, -47.5866, 0.7324



66.5814, 35.6052, -42.8230



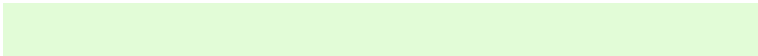
66.5814, 56.0936, 6.3919

Sweetspot

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



66.5814, -35.3441, 30.3370



95.3535, -19.9906, 18.6062



62.9241, -1.6713, 28.0875



44.4078, -10.2682, 9.5022

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.5814, -35.3441, 30.3370



87.7129, -53.5399, 44.7921



65.4589, -39.1986, 24.5162



33.7639, -5.0655, 4.8037



50.9752, -40.5999, 30.6999



10.7673, -7.7222, 6.4996

Inverse Universe

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



45.3850, 37.9889, -38.8201



54.5132, 62.4391, -65.8886



48.2324, 43.4916, -19.6296



31.7696, 1.6998, -1.4543



24.6562, 52.6105, -64.5786



5.4485, 11.3615, -12.2212

Previews

White Background



This preview shows how the HunterLab color 66.5800, -35.3428, 30.3365 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 66.5800, -35.3428, 30.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

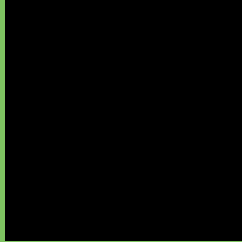
Any Text WCAG AA ✓ Pass

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 66.5800, -35.3428, 30.3365 Background



This preview shows how black text looks on a background with the HunterLab color 66.5800, -35.3428, 30.3365.



This preview shows how white text looks on a background with the HunterLab color 66.5800,

-35.3428, 30.3365.

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

66.5800, -35.3428, 30.3365

Protanopia

66.1829, -7.6238, 31.7814

Deuteranopia

66.1986, 4.7127, 29.1438



Tritanopia

66.5163, -12.3433, -7.3918

Trichromacy



Original Color

66.5800, -35.3428, 30.3365

Protanomaly

66.0434, -19.1039, 31.0642

Deuteranomaly

65.4581, -11.4796, 28.9823

Tritanomaly

66.2521, -22.1237, 9.8466

Monochromacy



Original Color

66.5800, -35.3428, 30.3365

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

62.4564, -16.2201, 15.0137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5800, -35.3428, 30.3365 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(126, 195, 97)` looks like.

```
.text, #text, p{  
    color:rgb(126, 195, 97)  
}
```

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(126, 195, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 195, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5800, -35.3428, 30.3365 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(126, 195, 97) }
```


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

```
.border{ border-color:rgb(126, 195, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 195, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 195, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 195, 97);  
box-shadow:4px 4px 4px 4px rgb(126, 195,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5800, -35.3428, 30.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 195, 97) }
```

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

```
.background{ background-color: rgb(126,  
195, 97) }
```

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