

Converting Colors

HunterLab(69.5465, -30.6473,
6.4099)

Have a look what the booklet for
HunterLab(69.5465, -30.6473,
6.4099) contains.

HunterLab(69.5465, -30.6473, 6.4099)	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(69.5465,
-30.6473, 6.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC9B2
RGB	111, 201, 178
RGB Percent	44%, 79%, 70%
CMY	0.5647, 0.2118, 0.3020
CMYK	0.45, 0.00, 0.11, 0.21
HSL	165°, 45%, 61%
HSV	165°, 45%, 79%
XYZ	35.4781, 48.3672, 49.5853
YIQ	171.4680, -46.2570, -26.2330

Conversions

Conversions Part 2

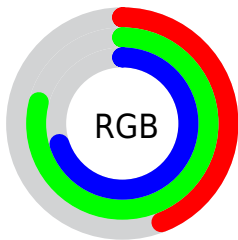
Format	Color
RYB	111, 163, 201
Decimal	7326130
CIELab	75.06, -32.48, 3.12
CIElCh	75, 32.626, 174.510
Yxy	48.3691, 0.2659, 0.3625
Android (android.graphics.Color)	4285516210 (0xFF6FC9B2)
YUV	171.4680, 3.2203, -53.0304
Hunter-Lab	69.5465, -30.6473, 6.4099

Details

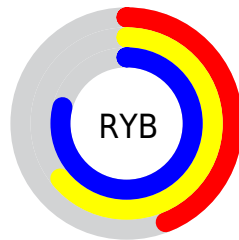
The HunterLab color $69.5465, -30.6473, 6.4099$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $50.5064, 32.0475, 5.2039$, and the grayscale version is $64.0113, -3.4155, 3.4779$.

A 20% lighter version of the original color is $92.5613, -33.6485, 6.5853$, and $47.7731, -25.6816, 4.9086$ is the 20% darker color. If you saturate the color by 10%, you get $68.5610, -34.7892, 7.5083$, and if you desaturate by 10%, it is $70.7342, -25.8078, 5.5192$.

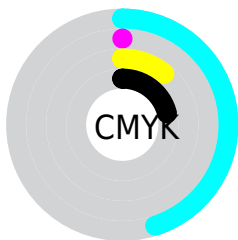
Distribution



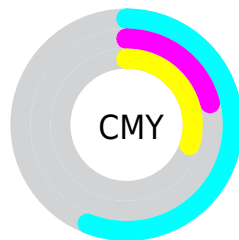
- Red (44%)
- Green (79%)
- Blue (70%)



- Red (44%)
- Yellow (64%)
- Blue (79%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)





- Cyan (56%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 69.5465, -30.6473, 6.4099 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 69.5465, -30.6473, 6.4099 by changing the saturation by 10% instead.


 69.5465, -30.6473,
6.4099


 69.5465, -30.6473,
6.4099


195.0008,
-50.0225, 14.3530

 58.4117, -28.2657,
5.6501


 93.6769, -35.2058,
8.0086

 47.9429, -25.7884,
4.9156


 106.6102,
-37.4081, 8.8449

 38.1872, -23.1863,
4.2071


 120.0892,
-39.5721, 9.7054

 29.2010, -20.4150,
3.5245

134.0928,
-41.7049, 10.5895

 21.0570, -17.4041,
2.8663

148.6021,
-43.8121, 11.4969

 13.8534, -14.0442,
2.2287

163.5999,

 7.4823, -13.0941,

-45.8984, 12.4269

2.1365

179.0708,
-47.9674, 13.3791

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.5465, -30.6473,
6.4099

■ 69.5465, -30.6473,
6.4099

■ 68.5610, -34.7892,
7.5083

■ 70.7342, -25.8078,
5.5192

■ 67.7673, -38.2185,
8.7938

■ 72.1225, -20.2993,
4.8461

■ 67.1571, -40.9443,
10.2437

■ 73.7128, -14.1666,
4.3984

■ 66.7158, -43.0012,
11.8289


■ 75.5027, -7.4633,
4.1780


■ 66.4230, -44.4554,


■ 77.4876, -0.2485,


13.5144


4.1825

 66.3062, -45.0655,
14.4066

 79.6615, 7.4166,
4.4057

 82.0174, 15.4718,
4.8387

 82.5558, 17.5318,
2.9974

 82.7222, 18.3982,
0.6296

Harmonies

Analogous

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



69.5479, -26.0881, 18.1546



69.5465, -30.6473, 6.4099



69.5479, -28.5143, -8.8565

Triad

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



69.5479, -30.6480, 6.4108



69.5479, 8.9183, -26.8028



69.5479, 14.2061, 22.9378

Complementary

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



69.5465, -30.6473, 6.4099



50.5064, 32.0475, 5.2039

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.



69.5479, 25.1351, 14.4256



69.5465, -30.6473, 6.4099



69.5479, 21.9020, -14.5045

Square

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



69.5479, -30.6480, 6.4108



69.5479, -6.5074, -30.2385



69.5479, 28.0660, 1.0541



69.5479, -0.8770, 26.2823

Rectangle

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



69.5465, -30.6473, 6.4099



69.5479, -23.4792, -18.8348



69.5479, 28.0660, 1.0541



69.5479, 18.5378, 20.6886

Sweetspot

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



69.5479, -30.6480, 6.4108



96.8051, -17.1866, 5.6892



69.3353, -34.4516, 29.2601



44.5561, -8.8258, 2.6759

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.5479, -30.6480, 6.4108



89.7105, -45.5103, 9.8212



63.4357, -16.9701, -12.8574



34.6691, -4.9291, 1.9742



52.5909, -35.6439, 11.2109



11.4928, -7.4576, 1.7338

Inverse Universe

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



50.5064, 32.0475, 5.2039



60.2792, 52.4757, 8.6354



54.8354, 18.6519, 17.8542



32.6813, 1.4856, 1.7756



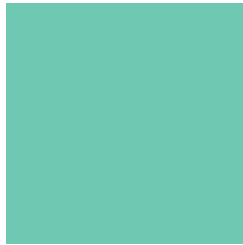
28.2361, 48.9398, 13.7130



6.2425, 11.0108, 1.5509

Previews

White Background



This preview shows how the HunterLab color 69.5465, -30.6473, 6.4099 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 69.5465, -30.6473, 6.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

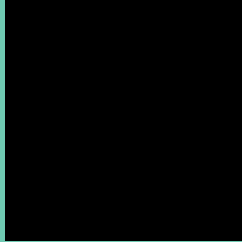
Any Text WCAG AA ✓ Pass

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 69.5465, -30.6473, 6.4099 Background



This preview shows how black text looks on a background with the HunterLab color 69.5465, -30.6473, 6.4099.



This preview shows how white text looks on a background with the HunterLab color 69.5465,

-30.6473, 6.4099.

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

69.5465, -30.6473, 6.4099

Protanopia

69.1162, -3.4777, 10.7492

Deuteranopia

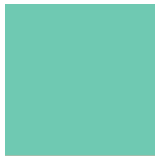
69.1493, 5.0236, 4.2852



Tritanopia

69.4452, -20.3354, -10.7430

Trichromacy



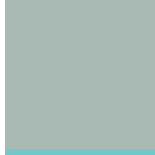
Original Color

69.5465, -30.6473, 6.4099



Protanomaly

68.9107, -15.0124, 8.6189



Deuteranomaly

68.4756, -9.6660, 4.1733



Tritanomaly

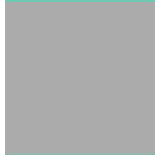
69.5271, -24.2276, -4.1798

Monochromacy



Original Color

69.5465, -30.6473, 6.4099



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

65.4992, -14.4379, 3.8593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.5465, -30.6473, 6.4099 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(111, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(111, 201, 178)  
}
```

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(111, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 201, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 69.5465, -30.6473, 6.4099 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(111, 201, 178) }
```


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

```
.border{ border-color:rgb(111, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 201, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 201, 178);  
box-shadow:4px 4px 4px 4px rgb(111, 201,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.5465, -30.6473, 6.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 201, 178) }
```

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

```
.background{ background-color: rgb(111,  
201, 178) }
```

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