

Converting Colors

HunterLab(63.4435, -21.2323,
-28.6455)

Have a look what the booklet for
HunterLab(63.4435, -21.2323,
-28.6455) contains.

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Color

**HunterLab(63.5058,
-21.3307, -28.4165)**

Conversions

Conversions Part 1

Format	Color
Hex	2DB8E2
RGB	45, 184, 226
RGB Percent	18%, 72%, 89%
CMY	0.8235, 0.2784, 0.1137
CMYK	0.80, 0.19, 0.00, 0.11
HSL	194°, 76%, 53%
HSV	194°, 80%, 89%
XYZ	31.9502, 40.3299, 78.0520
YIQ	147.2270, -96.3260, -16.4060

Conversions

Conversions Part 2

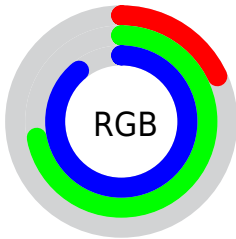
Format	Color
R_{YB}	45, 124, 226
Decimal	2996450
CIE _{Lab}	69.70, -21.76, -31.23
CIE _{LCh}	70, 38.060, 235.133
Yxy	40.3313, 0.2125, 0.2683
Android (android.graphics.Color)	4281186530 (0xFF2DB8E2)
YUV	147.2270, 38.8351, -89.6531
Hunter-Lab	63.5058, -21.3307, -28.4165

Details

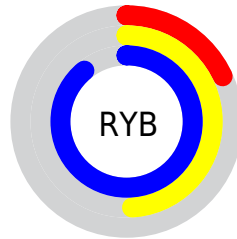
The HunterLab color **63.5058, -21.3307, -28.4165** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **48.1429, 46.4386, 27.4189**, and the grayscale version is **53.9862, -2.8806, 2.9332**.

A 20% lighter version of the original color is **85.7515, -31.5062, -13.1252**, and **43.7868, -13.5748, -25.4257** is the 20% darker color. If you saturate the color by 10%, you get **61.4895, -20.1141, -31.8411**, and if you desaturate by 10%, it is **65.7326, -21.7921, -24.7775**.

Distribution



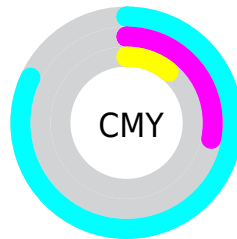
- Red (18%)
- Green (72%)
- Blue (89%)



- Red (18%)
- Yellow (49%)
- Blue (89%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (82%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5058, -21.3307, -28.4165 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 63.5058, -21.3307, -28.4165 by changing the saturation by 10% instead.

63.5058, -21.3307,
-28.4165

63.5058, -21.3307,
-28.4165

186.4183,
-36.4398, -31.0373

52.7228, -19.5421,
-27.8697

86.9872, -24.7951,
-29.3598

42.6294, -17.6981,
-27.2879

99.6186, -26.4899,
-29.7525

33.2776, -15.7768,
-26.6955

112.8083,
-28.1680, -30.0918

24.7318, -13.7445,
-26.1505

126.5336,
-29.8340, -30.3789

17.0767, -11.5446,
-25.7965

140.7745,
-31.4916, -30.6152

10.4312, -9.8692,
-26.0527

155.5128,

0.0000, NaN, -NF

-33.1436, -30.8026

0.0000, NaN, -NF

170.7323,
-34.7923, -30.9427

0.0000, NaN, NaN

■ 63.5058, -21.3307,
-28.4165

■ 63.5058, -21.3307,
-28.4165

■ 61.4895, -20.1141,
-31.8411

■ 65.7326, -21.7921,
-24.7775

■ 59.6589, -18.2990,
-35.0662

■ 68.1750, -21.4708,
-20.9418

■ 70.8350, -20.3733,
-16.9337

■ 73.7088, -18.5294,
-12.7825

■ 76.7895, -15.9843,
-8.5177

■ 80.0680, -12.7913,
-4.1667

■ 83.5345, -9.0076,
0.2465

■ 87.1782, -4.6904,
4.7019

■ 90.9887, 0.1057,
9.1832

Harmonies

Analogous

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



63.5069, -30.8163, -11.5237



63.5058, -21.3307, -28.4165



63.5069, -6.1926, -36.9020

Triad

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



63.5069, -21.3304, -28.4154



63.5069, 33.3128, 0.7101



63.5069, -16.9263, 25.9689

Complementary

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



63.5058, -21.3307, -28.4165



48.1429, 46.4386, 27.4189

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.



63.5069, -0.5420, 27.6141



63.5058, -21.3307, -28.4165



63.5069, 29.6565, 15.4936

Square

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



63.5069, -21.3304, -28.4154



63.5069, 26.3066, -17.4506



63.5069, 16.7890, 24.3432



63.5069, -28.4711, 19.0312

Rectangle

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



63.5058, -21.3307, -28.4165



63.5069, 5.5380, -35.3574



63.5069, 16.7890, 24.3432



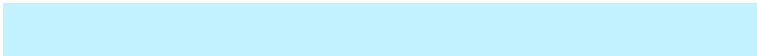
63.5069, -11.8542, 27.0642

Sweetspot

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



63.5069, -21.3304, -28.4154



90.2519, -16.2466, -6.8232



74.5622, -58.9309, 38.2061



41.1339, -8.1141, -3.9836

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.5069, -21.3304, -28.4154



69.1101, -21.7210, -38.9596



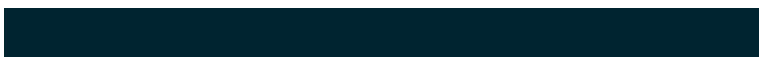
38.0382, 22.6892, -88.3155



38.7360, -4.0448, 0.2455



45.2702, -14.1155, -26.1124



12.4627, -4.4668, -5.9347

Inverse Universe

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



46.3765, 76.4758, -28.0603



50.5643, 93.5483, -29.9869



68.4912, 2.9286, 40.1047



37.2537, 2.6142, -0.2936



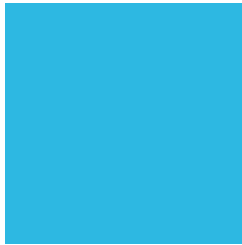
33.1314, 62.0284, -19.5969



8.7991, 16.6016, -6.1960

Previews

White Background



This preview shows how the HunterLab color 63.5058, -21.3307, -28.4165 looks on a white background.

Color Contrast Check

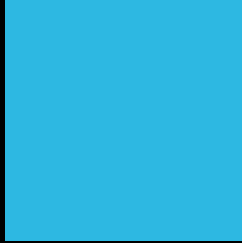
Large Text (above 18pt) WCAG AA × Fail

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 63.5058, -21.3307, -28.4165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

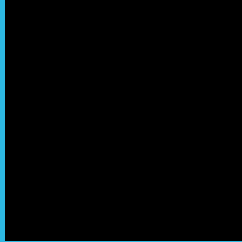
Any Text WCAG AA ✓ Pass

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 63.5058, -21.3307, -28.4165 Background



This preview shows how black text looks on a background with the HunterLab color 63.5058, -21.3307, -28.4165.



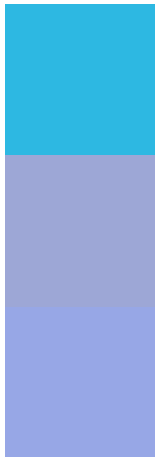
This preview shows how white text looks on a background with the HunterLab color 63.5058, -21.3307, -28.4165.

-21.3307, -28.4165.

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

63.5058, -21.3307, -28.4165

Protanopia

62.9766, 2.7721, -21.0397

Deuteranopia

63.1901, 4.8507, -31.2200



Tritanopia

63.4651, -30.1669, -14.2042

Trichromacy



Original Color

63.5058, -21.3307, -28.4165

Protanomaly

62.1789, -8.9082, -25.0896

Deuteranomaly

62.4412, -7.0210, -32.0347

Tritanomaly

63.5248, -27.5958, -18.8591

Monochromacy



Original Color

63.5058, -21.3307, -28.4165

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

56.2060, -13.1291, -8.9239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5058, -21.3307, -28.4165 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(45, 184, 226)` looks like.

```
.text, #text, p{  
    color:rgb(45, 184, 226)  
}
```

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(45, 184, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 184, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5058, -21.3307, -28.4165 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(45, 184, 226) }
```


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

```
.border{ border-color:rgb(45, 184, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 184, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 184, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 184, 226);  
box-shadow:4px 4px 4px 4px rgb(45, 184,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5058, -21.3307, -28.4165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 184, 226) }
```

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

```
.background{ background-color: rgb(45, 184,  
226) }
```

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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