

Converting Colors

HunterLab(64.1059, -21.2658,
-20.9567)

Have a look what the booklet for
HunterLab(64.1059, -21.2658,
-20.9567) contains.

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Color

**HunterLab(64.1812,
-21.3052, -20.8396)**

Conversions

Conversions Part 1

Format	Color
Hex	4CB9D8
RGB	76, 185, 216
RGB Percent	30%, 73%, 85%
CMY	0.7019, 0.2745, 0.1529
CMYK	0.65, 0.14, 0.00, 0.15
HSL	193°, 64%, 57%
HSV	193°, 65%, 85%
XYZ	32.7241, 41.1923, 71.1919
YIQ	155.9430, -74.9150, -13.4670

Conversions

Conversions Part 2

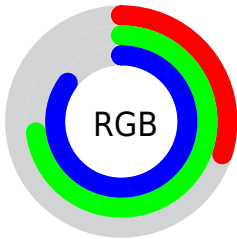
Format	Color
RYB	76, 137, 216
Decimal	5028312
CIELab	70.31, -21.59, -24.78
CIELCh	70, 32.862, 228.934
Yxy	41.1938, 0.2255, 0.2839
Android (android.graphics.Color)	4283218392 (0xFF4CB9D8)
YUV	155.9430, 29.6081, -70.1100
Hunter-Lab	64.1812, -21.3052, -20.8396

Details

The HunterLab color **64.1812, -21.3052, -20.8396** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **50.6337, 34.3625, 23.7938**, and the grayscale version is **57.5423, -3.0703, 3.1264**.

A 20% lighter version of the original color is **86.9595, -28.7048, -11.4231**, and **43.6758, -16.4189, -19.1472** is the 20% darker color. If you saturate the color by 10%, you get **62.0361, -21.3686, -24.2384**, and if you desaturate by 10%, it is **66.5334, -20.5032, -17.2551**.

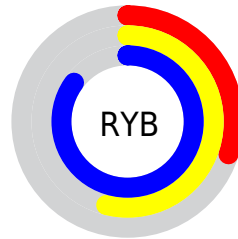
Distribution



Red (30%)

Green (73%)

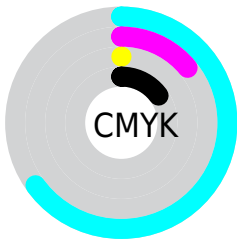
Blue (85%)



Red (30%)

Yellow (54%)

Blue (85%)

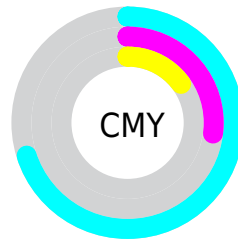


Cyan (65%)

Magenta (14%)

Yellow (0%)

Black (15%)



Cyan (70%)

Magenta (27%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1812, -21.3052, -20.8396 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 64.1812, -21.3052, -20.8396 by changing the saturation by 10% instead.

■ 64.1812, -21.3052,
-20.8396

■ 64.1812, -21.3052,
-20.8396

187.3846,
-36.3386, -21.8550

■ 53.3578, -19.5296,
-20.4495

■ 87.7371, -24.7483,
-21.4370

■ 43.2211, -17.7003,
-20.0021

■ 100.4030,
-26.4336, -21.6494

■ 33.8227, -15.7962,
-19.5037

■ 113.6259,
-28.1030, -21.8069

■ 25.2259, -13.7851,
-18.9767

■ 127.3830,
-29.7609, -21.9121

■ 17.5137, -11.6126,
-18.4830

141.6546,
-31.4109, -21.9673

■ 10.8027, -9.6843,
-18.2151

156.4225,

■ 1.8569, -3.2496,

-33.0557, -21.9748

-63.0296

171.6708,
-34.6976, -21.9367

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.1812, -21.3052,
-20.8396

■ 64.1812, -21.3052,
-20.8396

■ 62.0361, -21.3686,
-24.2384

■ 66.5334, -20.5032,
-17.2551

■ 60.0902, -20.7027,
-27.4365

■ 69.0881, -18.9797,
-13.5134

■ 58.3316, -19.3562,
-30.4292

■ 71.8419, -16.7698,
-9.6409

■ 57.4690, -18.4808,
-31.9365

■ 74.7875, -13.9196,
-5.6641

■ 77.9163, -10.4811,

-1.6077

■ 81.2189, -6.5080,
2.5071

■ 84.6855, -2.0533,
6.6625

■ 88.3063, 2.8327,
10.8441

■ 90.4055, 2.4931,
13.1445

Harmonies

Analogous

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



64.1824, -28.5050, -6.0664



64.1812, -21.3052, -20.8396



64.1824, -8.8732, -29.7050

Triad

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



64.1824, -21.3052, -20.8385



64.1824, 27.4164, -2.0015



64.1824, -12.5251, 24.4119

Complementary

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



64.1812, -21.3052, -20.8396



50.6337, 34.3625, 23.7938

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.



64.1824, 2.2049, 25.0159



64.1812, -21.3052, -20.8396



64.1824, 26.2098, 11.7773

Square

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



64.1824, -21.3052, -20.8385



64.1824, 19.8083, -17.2809



64.1824, 16.6490, 20.9345



64.1824, -23.7668, 19.0364

Rectangle

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



64.1812, -21.3052, -20.8396



64.1824, 1.1147, -29.9679



64.1824, 16.6490, 20.9345



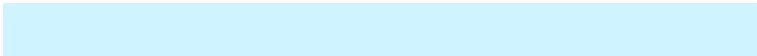
64.1824, -7.8479, 25.1246

Sweetspot

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



64.1824, -21.3052, -20.8385



92.3503, -14.5435, -4.0881



71.9005, -50.9595, 32.0920



42.2234, -7.2757, -2.5445

0.0000, NaN, NaN



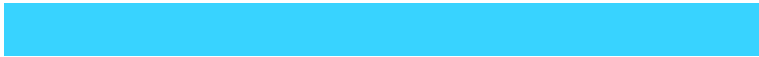
46.2646, -2.4686, 2.5136

Same Dimension

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



64.1824, -21.3052, -20.8385



73.9129, -25.5743, -30.7935



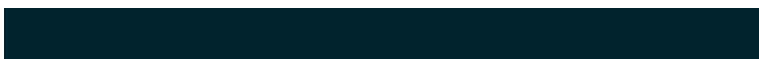
43.4858, 12.4960, -61.5629



36.9047, -3.8909, 0.2808



44.4013, -14.4794, -24.2409



11.4319, -4.2754, -5.0594

Inverse Universe

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



48.2410, 62.3324, -25.5961



53.6648, 87.0707, -33.4650



68.0469, -0.4734, 35.9631



35.4731, 2.4815, -0.3138



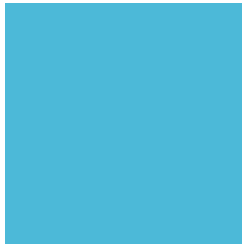
32.1482, 60.3239, -20.0719



7.9703, 15.0804, -5.9430

Previews

White Background



This preview shows how the HunterLab color 64.1812, -21.3052, -20.8396 looks on a white background.

Color Contrast Check

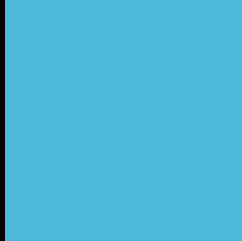
Large Text (above 18pt) WCAG AA × Fail

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 64.1812, -21.3052, -20.8396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

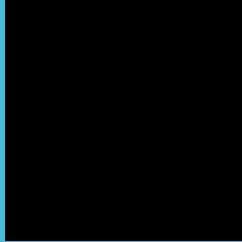
Any Text WCAG AA ✓ Pass

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 64.1812, -21.3052, -20.8396 Background



This preview shows how black text looks on a background with the HunterLab color 64.1812, -21.3052, -20.8396.



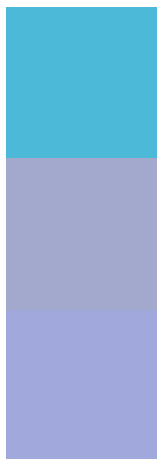
This preview shows how white text looks on a background with the HunterLab color 64.1812, -21.3052, -20.8396.

-21.3052, -20.8396.

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

64.1812, -21.3052, -20.8396

Protanopia

63.6948, 1.5047, -14.4887

Deuteranopia

63.8354, 4.6648, -23.4720



Tritanopia

64.0860, -26.1252, -12.6633

Trichromacy



Original Color

64.1812, -21.3052, -20.8396

Protanomaly

63.3156, -8.7507, -17.6247

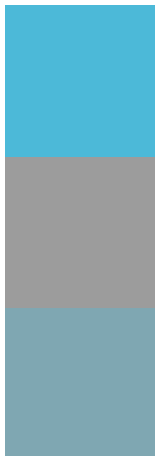
Deuteranomaly

63.3501, -6.2477, -23.7959

Tritanomaly

64.0317, -24.2604, -15.6288

Monochromacy



Original Color

64.1812, -21.3052, -20.8396

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

59.4675, -12.1969, -5.5637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1812, -21.3052, -20.8396 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(76, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(76, 185, 216)  
}
```

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(76, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 185, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1812, -21.3052, -20.8396 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(76, 185, 216) }
```


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

```
.border{ border-color:rgb(76, 185, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(76, 185,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1812, -21.3052, -20.8396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 185, 216) }
```

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

```
.background{ background-color: rgb(76, 185,  
216) }
```

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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