

# Converting Colors

HunterLab(65.2321, -26.3635,  
-24.6245)

Have a look what the booklet for  
HunterLab(65.2321, -26.3635,  
-24.6245) contains.

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# Color

**HunterLab(65.3019,  
-26.5745, -24.2551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BFE0
RGB	0, 191, 224
RGB Percent	0%, 75%, 88%
CMY	0.9998, 0.2510, 0.1216
CMYK	1.00, 0.15, 0.00, 0.12
HSL	189°, 100%, 44%
HSV	189°, 100%, 88%
XYZ	32.0853, 42.6434, 77.0609
YIQ	137.6530, -124.4290, -30.2290

# Conversions

## Conversions Part 2

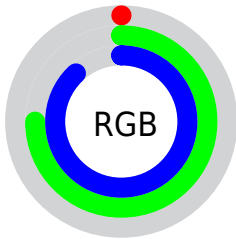
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 224
Decimal	49120
CIELab	71.31, -28.20, -27.69
CIELCh	71, 39.525, 224.480
Yxy	42.6449, 0.2114, 0.2809
Android (android.graphics.Color)	4278239200 (0xFF00BFE0)
YUV	137.6530, 42.5691, -120.7217
Hunter-Lab	65.3019, -26.5745, -24.2551

# Details

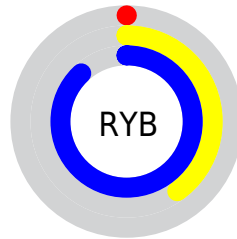
The HunterLab color **65.3019, -26.5745, -24.2551** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **41.1561, 63.6706, 26.4726**, and the grayscale version is **50.1541, -2.6761, 2.7250**.

A 20% lighter version of the original color is **88.0585, -36.9346, -10.0850**, and **45.5586, -16.6196, -21.0674** is the 20% darker color. If you saturate the color by 10%, you get **65.3001, -26.5717, -24.2587**, and if you desaturate by 10%, it is **66.5404, -27.5048, -22.3172**.

# Distribution



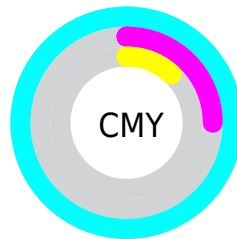
- Red (0%)
- Green (75%)
- Blue (88%)



- Red (0%)
- Yellow (40%)
- Blue (88%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (25%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.3019, -26.5745, -24.2551 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 65.3019, -26.5745, -24.2551 by changing the saturation by 10% instead.



65.3019, -26.5745,  
-24.2551

65.3019, -26.5745,  
-24.2551

188.9840,  
-44.2926, -25.9626

54.4119, -24.4152,  
-23.7949

88.9802, -30.7148,  
-25.0034

44.2043, -22.1726,  
-23.2846

101.7030,  
-32.7213, -25.2935

34.7293, -19.8177,  
-22.7359

114.9803,  
-34.6968, -25.5293

26.0488, -17.3068,  
-22.1811

128.7899,  
-36.6477, -25.7126

18.2435, -14.5679,  
-21.7032

143.1119,  
-38.5790, -25.8456

11.4255, -12.1521,  
-21.5435

157.9287,

3.8130, -6.6727,

-40.4948, -25.9303

-37.6572

173.2242,  
-42.3984, -25.9687

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 65.3019, -26.5745,  
-24.2551

■ 65.3019, -26.5745,  
-24.2551

■ 65.3001, -26.5717,  
-24.2587

■ 66.5404, -27.5048,  
-22.3172

■ 67.9292, -27.8667,  
-20.1831

■ 69.5075, -27.5151,  
-17.8067

■ 71.2893, -26.4054,  
-15.1859

■ 73.2812, -24.5264,

-12.3313

■ 75.4852, -21.8917,  
-9.2611

■ 77.8992, -18.5334,  
-5.9983

■ 80.5185, -14.4956,  
-2.5676

■ 83.3364, -9.8304,  
1.0064

# Harmonies

## Analogous

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



65.3031, -33.9657, -5.3052



65.3019, -26.5745, -24.2551



65.3031, -12.5682, -37.2174

# Triad

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



65.3031, -26.5742, -24.2540



65.3031, 33.6646, -5.9693



65.3031, -11.9889, 28.2251

# Complementary

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



65.3019, -26.5745, -24.2551



41.1561, 63.6706, 26.4726

# 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.



65.3031, 6.1173, 28.1382



65.3019, -26.5745, -24.2551



65.3031, 33.8635, 11.3243

# Square

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



65.3031, -26.5742, -24.2540



65.3031, 22.8138, -24.8532



65.3031, 23.3310, 22.8031



65.3031, -26.1902, 23.0858

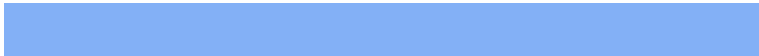


# Rectangle

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



65.3019, -26.5745, -24.2551



65.3031, -0.7389, -38.9712



65.3031, 23.3310, 22.8031



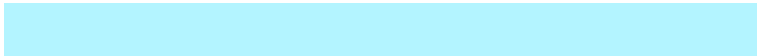
65.3031, -6.1922, 28.7500

# Sweetspot

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



65.3031, -26.5742, -24.2540



90.1564, -21.5694, -7.0410



73.0791, -62.2083, 42.9501



41.1487, -10.7854, -4.0108

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

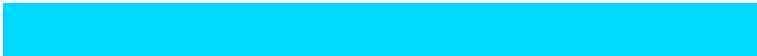


# Same Dimension

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



65.3031, -26.5742, -24.2540



75.5416, -30.6561, -28.2426



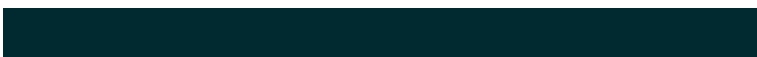
33.8264, 27.7963, -102.2785



39.0001, -4.4687, 0.5603



49.9528, -20.4466, -18.2984



13.5078, -5.8442, -4.2676



# Inverse Universe

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



44.2836, 84.3244, -37.2315



51.2757, 97.6243, -42.9371



59.2960, 17.8412, 36.8487



37.2815, 2.7630, -0.6883



33.8039, 64.4064, -28.6686



8.9535, 17.1455, -8.2636



# Previews

## White Background



This preview shows how the HunterLab color 65.3019, -26.5745, -24.2551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

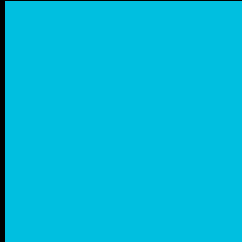
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.3019, -26.5745, -24.2551 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

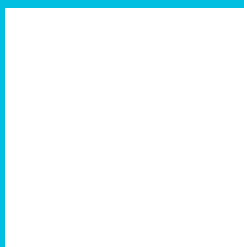
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 65.3019, -26.5745, -24.2551 Background



This preview shows how black text looks on a background with the HunterLab color 65.3019, -26.5745, -24.2551.



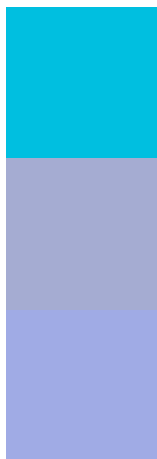
This preview shows how white text looks on a background with the HunterLab color 65.3019,

-26.5745, -24.2551.

# 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

65.3019, -26.5745, -24.2551

### Protanopia

64.9288, 1.5712, -15.6412

### Deuteranopia

65.0050, 4.8740, -27.4705



## Tritanopia

65.3406, -31.1477, -14.4313

# Trichromacy



## Original Color

65.3019, -26.5745, -24.2551



## Protanomaly

63.3638, -14.5106, -21.3661



## Deuteranomaly

63.4126, -11.7047, -29.0787



## Tritanomaly

65.2337, -29.3680, -18.1393

# Monochromacy



## Original Color

65.3019, -26.5745, -24.2551



## Achromatopsia

50.4135, -2.6899, 2.7391



## Achromatomaly

53.9010, -17.3550, -8.3792

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.3019, -26.5745, -24.2551 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(0, 191, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 224)  
}
```

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(0, 191, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.3019, -26.5745, -24.2551 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(0, 191, 224) }
```



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

```
.border{ border-color:rgb(0, 191, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
224) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.3019, -26.5745, -24.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 224) }
```

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

```
.background{ background-color: rgb(0, 191,  
224) }
```

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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