

# Converting Colors

HunterLab(70.0095, -28.0429,  
-26.9692)

Have a look what the booklet for  
HunterLab(70.0095, -28.0429,  
-26.9692) contains.

<b>HunterLab(70.0022, -27.9425, -27.1769)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(70.0022,  
-27.9425, -27.1769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CBF0
RGB	0, 203, 240
RGB Percent	0%, 80%, 94%
CMY	0.9997, 0.2039, 0.0588
CMYK	1.00, 0.15, 0.00, 0.06
HSL	189°, 100%, 47%
HSV	189°, 100%, 94%
XYZ	37.0840, 49.0031, 89.9420
YIQ	146.5210, -132.8650, -31.5290

# Conversions

## Conversions Part 2

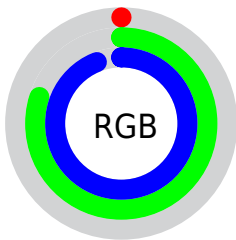
Format	Color
<b>RYB</b>	0, 110, 240
Decimal	52208
CIELab	75.45, -28.84, -29.98
CIELCh	75, 41.595, 226.113
Yxy	49.0048, 0.2107, 0.2784
Android (android.graphics.Color)	4278242288 (0xFF00CBF0)
YUV	146.5210, 46.0851, -128.4989
Hunter-Lab	70.0022, -27.9425, -27.1769

# Details

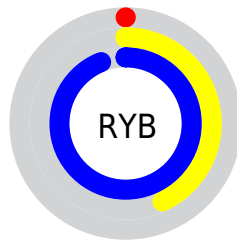
The HunterLab color **70.0022, -27.9425, -27.1769** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **44.5564, 68.6497, 28.6548**, and the grayscale version is **53.6903, -2.8648, 2.9171**.

A 20% lighter version of the original color is **90.6558, -39.5396, -6.7051**, and **49.9556, -18.1056, -23.3554** is the 20% darker color. If you saturate the color by 10%, you get **69.9998, -27.9389, -27.1816**, and if you desaturate by 10%, it is **71.3921, -29.0567, -24.9814**.

# Distribution



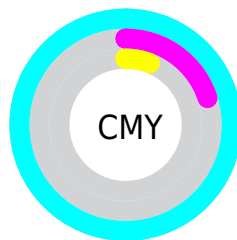
- Red (0%)
- Green (80%)
- Blue (94%)



- Red (0%)
- Yellow (43%)
- Blue (94%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (20%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0022, -27.9425, -27.1769 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 70.0022, -27.9425, -27.1769 by changing the saturation by 10% instead.



70.0022, -27.9425,  
-27.1769

70.0022, -27.9425,  
-27.1769

195.6429,  
-45.8248, -29.2473

58.8416, -25.7750,  
-26.6843

94.1799, -32.1101,  
-27.9978

48.3455, -23.5304,  
-26.1452

107.1353,  
-34.1336, -28.3271

38.5604, -21.1832,  
-25.5717

120.6356,  
-36.1274, -28.6032

29.5424, -18.6959,  
-24.9945

134.6596,  
-38.0976, -28.8278

21.3633, -16.0089,  
-24.4867

149.1886,  
-40.0490, -29.0027

14.1200, -13.0188,  
-24.2430

164.2054,

7.7706, -13.5986,

-41.9852, -29.1297

-25.7491

179.6949,  
-43.9096, -29.2106

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.0022, -27.9425,  
-27.1769

■ 70.0022, -27.9425,  
-27.1769

■ 69.9998, -27.9389,  
-27.1816

■ 71.3921, -29.0567,  
-24.9814

■ 72.9482, -29.5446,  
-22.5707

■ 74.7114, -29.2547,  
-19.8978

■ 76.6967, -28.1383,  
-16.9614

■ 78.9114, -26.1840,

-13.7740

■ 81.3568, -23.4075,  
-10.3567

■ 84.0306, -19.8447,  
-6.7351

■ 86.9272, -15.5445,  
-2.9368

■ 90.0389, -10.5643,  
1.0111

# Harmonies

## Analogous

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



70.0034, -36.3204, -6.8593



70.0022, -27.9425, -27.1769



70.0034, -12.5360, -40.5580

# Triad

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



70.0034, -27.9422, -27.1757



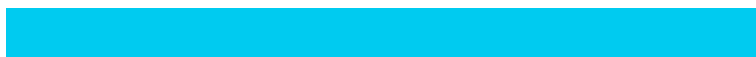
70.0034, 36.6243, -5.3284



70.0034, -13.8703, 30.1976

# Complementary

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



70.0022, -27.9425, -27.1769



44.5564, 68.6497, 28.6548

# 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.



70.0034, 5.5151, 30.3972



70.0022, -27.9425, -27.1769



70.0034, 36.1655, 13.0270

# Square

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



70.0034, -27.9422, -27.1757



70.0034, 25.4694, -25.7932



70.0034, 24.2773, 24.9960



70.0034, -28.8263, 24.3461



# Rectangle

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



70.0022, -27.9425, -27.1769



70.0034, 0.3095, -41.8932



70.0034, 24.2773, 24.9960



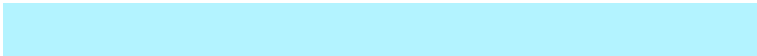
70.0034, -7.6975, 30.8594

# Sweetspot

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



70.0034, -27.9422, -27.1757



89.9818, -21.3115, -7.2648



79.0246, -67.1853, 46.2628



41.0561, -10.6508, -4.1313

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.0034, -27.9422, -27.1757



74.9448, -29.8726, -29.1881



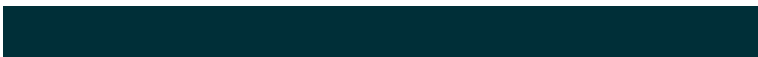
35.5514, 32.6940, -115.0066



41.8204, -4.7755, 0.5614



51.9450, -20.8738, -19.8662



15.3481, -6.4969, -5.1589



# Inverse Universe

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



47.7899, 90.8565, -39.0593



51.1872, 97.3126, -41.7527



65.0464, 17.4188, 40.3846



39.9838, 2.9902, -0.7260



35.3798, 67.3052, -29.2017

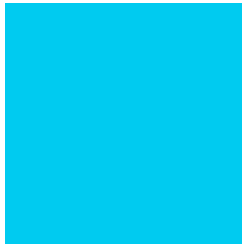


10.2592, 19.6052, -9.1532



# Previews

## White Background



This preview shows how the HunterLab color 70.0022, -27.9425, -27.1769 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

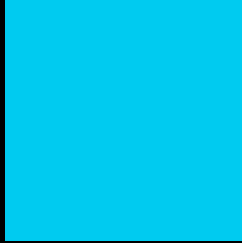
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.0022, -27.9425, -27.1769 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 70.0022, -27.9425, -27.1769 Background



This preview shows how black text looks on a background with the HunterLab color 70.0022, -27.9425, -27.1769.



This preview shows how white text looks on a background with the HunterLab color 70.0022,

-27.9425, -27.1769.

# 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

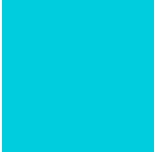
70.0022, -27.9425, -27.1769

### Protanopia

69.6218, 2.0989, -18.3366

### Deuteranopia

69.6301, 5.2264, -30.5606



## Tritanopia

69.9165, -33.2972, -15.5104

# Trichromacy



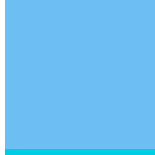
## Original Color

70.0022, -27.9425, -27.1769



## Protanomaly

67.8056, -14.9571, -24.5871



## Deuteranomaly

68.1807, -12.5644, -31.9442



## Tritanomaly

69.8478, -31.2649, -19.8117

# Monochromacy



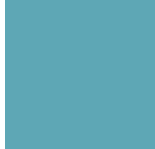
## Original Color

70.0022, -27.9425, -27.1769



## Achromatopsia

54.0158, -2.8821, 2.9348



## Achromatomaly

57.7523, -18.3099, -9.6138

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.0022, -27.9425, -27.1769 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, 203, 240)` looks like.

```
.text, #text, p{  
  color:rgb(0, 203, 240)  
}
```

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, 203, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.0022, -27.9425, -27.1769 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, 203, 240) }
```



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

```
.border{ border-color:rgb(0, 203, 240) }
```

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

Here you see how a box with a 4 pixel rgb(0, 203, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.0022, -27.9425, -27.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 240) }
```

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

```
.background{ background-color: rgb(0, 203,  
240) }
```

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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