

# Converting Colors

HunterLab(76.1097, -25.5627,  
-27.2492)

Have a look what the booklet for  
HunterLab(76.1097, -25.5627,  
-27.2492) contains.

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# Color

**HunterLab(76.2109,  
-25.6305, -27.0901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51D8FF
RGB	81, 216, 255
RGB Percent	32%, 85%, 100%
CMY	0.6823, 0.1529, 0.0000
CMYK	0.68, 0.15, 0.00, 0.00
HSL	193°, 100%, 66%
HSV	193°, 68%, 100%
XYZ	45.9992, 58.0810, 103.3940
YIQ	180.0810, -92.9790, -16.4910

# Conversions

## Conversions Part 2

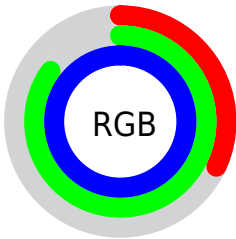
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 157, 255
Decimal	5363967
CIE Lab	80.78, -24.61, -29.71
CIE LCh	81, 38.580, 230.364
Yxy	58.0830, 0.2217, 0.2799
Android (android.graphics.Color)	4283554047 (0xFF51D8FF)
YUV	180.0810, 36.9351, -86.8940
Hunter-Lab	76.2109, -25.6305, -27.0901

# Details

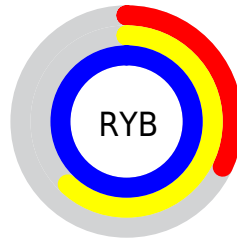
The HunterLab color **76.2109, -25.6305, -27.0901** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **59.4047, 44.6091, 29.6141**, and the grayscale version is **67.4726, -3.6002, 3.6659**.

A 20% lighter version of the original color is **92.2657, -33.3838, -4.5258**, and **54.3755, -19.8582, -25.0965** is the 20% darker color. If you saturate the color by 10%, you get **73.6763, -25.3089, -31.1784**, and if you desaturate by 10%, it is **78.9991, -25.0437, -22.7640**.

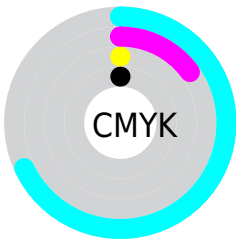
# Distribution



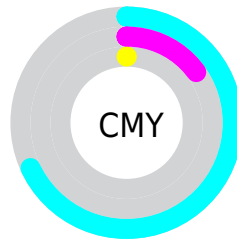
- Red (32%)
- Green (85%)
- Blue (100%)



- Red (32%)
- Yellow (62%)
- Blue (100%)



- Cyan (68%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.2109, -25.6305, -27.0901 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 76.2109, -25.6305, -27.0901 by changing the saturation by 10% instead.



76.2109, -25.6305,  
-27.0901

76.2109, -25.6305,  
-27.0901

204.3270,  
-41.7415, -28.8577

64.7112, -23.7311,  
-26.6310

101.0167,  
-29.3235, -27.8381

53.8551, -21.7809,  
-26.1222

114.2653,  
-31.1323, -28.1318

43.6848, -19.7634,  
-25.5695

128.0473,  
-32.9237, -28.3730

34.2502, -17.6541,  
-24.9918

142.3427,  
-34.7019, -28.5637

25.6137, -15.4155,  
-24.4333

157.1338,  
-36.4703, -28.7057

17.8574, -12.9850,  
-24.0042

172.4044,

11.0956, -10.8259,

-38.2315, -28.8008

-24.0227

188.1399,  
-39.9879, -28.8509

■ 2.9478, -5.1587,  
-53.1646

0.0000, NaN, -NF

■ 76.2109, -25.6305,  
-27.0901

■ 76.2109, -25.6305,  
-27.0901

■ 73.6763, -25.3089,  
-31.1784

■ 78.9991, -25.0437,  
-22.7640

■ 71.3823, -24.1070,  
-35.0176

■ 82.0379, -23.5581,  
-18.2354

■ 69.3037, -22.1280,  
-38.6207

■ 85.3241, -21.2105,  
-13.5361

■ 68.9475, -21.7384,  
-39.2515

■ 88.8496, -18.0542,  
-8.6999

■ 92.6041, -14.1518,  
-3.7584

■ 96.5761, -9.5699,  
1.2606

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

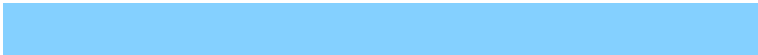
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2122, -34.8698, -8.7072



76.2109, -25.6305, -27.0901



76.2122, -9.9829, -37.7458

# Triad

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



76.2122, -25.6307, -27.0881



76.2122, 34.6184, -1.7877



76.2122, -16.1561, 29.7072

# Complementary

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



76.2109, -25.6305, -27.0901



59.4047, 44.6091, 29.6141

# 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.



76.2122, 2.0276, 30.7058



76.2109, -25.6305, -27.0901



76.2122, 32.5601, 15.0934

# Square

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



76.2122, -25.6307, -27.0881



76.2122, 25.5695, -20.9884



76.2122, 20.1895, 26.0269



76.2122, -29.7757, 22.8643



# Rectangle

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



76.2109, -25.6305, -27.0901



76.2122, 2.4908, -37.6324



76.2122, 20.1895, 26.0269



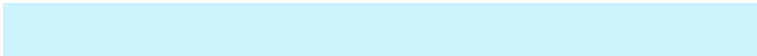
76.2122, -10.4172, 30.6609

# Sweetspot

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



76.2122, -25.6307, -27.0881



91.9237, -14.8935, -4.6389



86.3682, -63.3774, 40.1921



42.0345, -7.4150, -2.7910

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.2122, -25.6307, -27.0881



72.7841, -24.9561, -32.6552



50.0171, 17.6346, -81.0185



44.4411, -4.7138, 0.2859



50.0731, -16.0406, -27.9600



16.1330, -5.7057, -7.8479



# Inverse Universe

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



56.6608, 79.0835, -31.6837



52.6942, 89.4031, -33.2057



81.1505, 0.3579, 44.3217



42.6926, 3.0897, -0.4177



36.4131, 68.2636, -22.2463

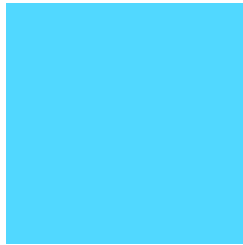


11.4337, 21.5542, -7.9112



# Previews

## White Background



This preview shows how the HunterLab color 76.2109, -25.6305, -27.0901 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

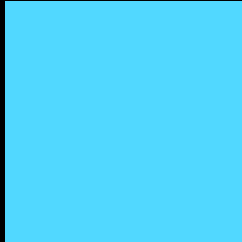
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.2109, -25.6305, -27.0901 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

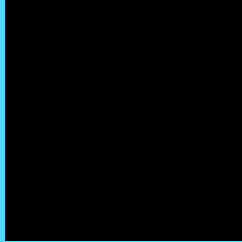
Any Text WCAG AA ✓ Pass

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 76.2109, -25.6305, -27.0901 Background



This preview shows how black text looks on a background with the HunterLab color 76.2109, -25.6305, -27.0901.



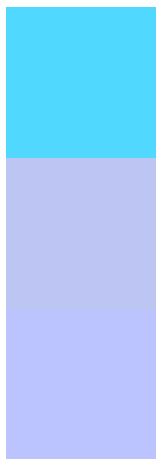
This preview shows how white text looks on a background with the HunterLab color 76.2109, -25.6305, -27.0901.

-25.6305, -27.0901.

# 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

76.2109, -25.6305, -27.0901

### Protanopia

75.6056, 2.2151, -19.2497

### Deuteranopia

75.6734, 5.0517, -27.4070



## Tritanopia

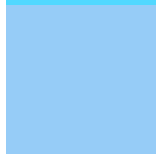
76.2099, -32.3164, -15.9381

# Trichromacy



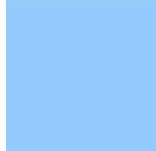
## Original Color

76.2109, -25.6305, -27.0901



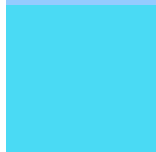
## Protanomaly

75.0901, -10.2705, -23.3898



## Deuteranomaly

74.9852, -8.3473, -28.7460



## Tritanomaly

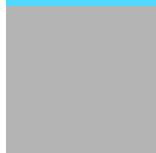
76.2432, -29.8875, -20.0994

# Monochromacy



## Original Color

76.2109, -25.6305, -27.0901



## Achromatopsia

67.5582, -3.6047, 3.6706



## Achromatomaly

69.6952, -14.8233, -7.5320

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.2109, -25.6305, -27.0901 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(81, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(81, 216, 255)  
}
```

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(81, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 216, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.2109, -25.6305, -27.0901 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(81, 216, 255) }
```



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

```
.border{ border-color:rgb(81, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(81, 216,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.2109, -25.6305, -27.0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 216, 255) }
```

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

```
.background{ background-color: rgb(81, 216,  
255) }
```

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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