

# Converting Colors

HunterLab(76.5566, -25.9832,  
-26.5509)

Have a look what the booklet for  
HunterLab(76.5566, -25.9832,  
-26.5509) contains.

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# Color

**HunterLab(76.5765,  
-25.9842, -26.5197)**

# Conversions

Conversions Part 1	
Format	Color
Hex	52D9FF
RGB	82, 217, 255
RGB Percent	32%, 85%, 100%
CMY	0.6784, 0.1490, 0.0000
CMYK	0.68, 0.15, 0.00, 0.00
HSL	193°, 100%, 66%
HSV	193°, 68%, 100%
XYZ	46.3426, 58.6396, 103.4839
YIQ	180.9670, -92.6580, -16.8020

# Conversions

## Conversions Part 2

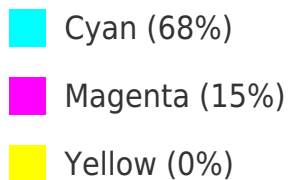
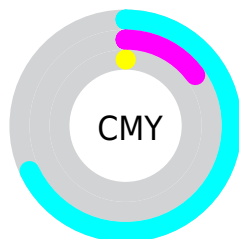
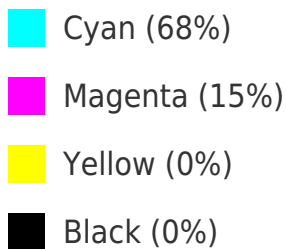
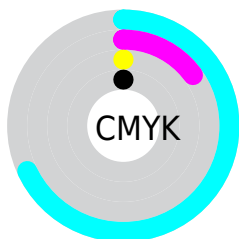
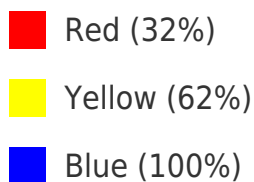
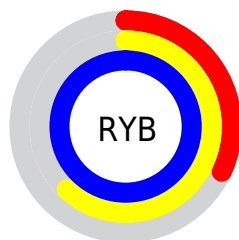
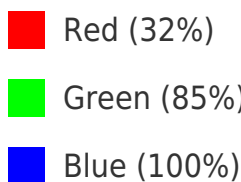
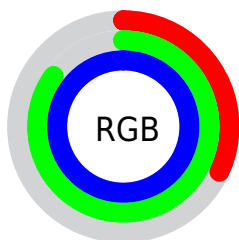
Format	Color
<a href="#">RYB</a>	<a href="#">82, 158, 255</a>
Decimal	<a href="#">5429759</a>
CIELab	<a href="#">81.09, -24.97, -29.23</a>
CIELCh	<a href="#">81, 38.446, 229.499</a>
Yxy	<a href="#">58.6416, 0.2223, 0.2813</a>
Android (android.graphics.Color)	<a href="#">4283619839</a> (0xFF52D9FF)
YUV	<a href="#">180.9670, 36.4983, -86.7941</a>
Hunter-Lab	<a href="#">76.5765, -25.9842, -26.5197</a>

# Details

The HunterLab color **76.5765, -25.9842, -26.5197** 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 **59.4173, 44.6687, 29.4270**, and the grayscale version is **67.8446, -3.6200, 3.6861**.

A 20% lighter version of the original color is **92.2657, -33.3838, -4.5258**, and **54.6972, -20.2915, -24.5632** is the 20% darker color. If you saturate the color by 10%, you get **74.0703, -25.7482, -30.5383**, and if you desaturate by 10%, it is **79.3358, -25.3127, -22.2600**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5765, -25.9842, -26.5197 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 76.5765, -25.9842, -26.5197 by changing the saturation by 10% instead.





 76.5765, -25.9842,  
-26.5197


 76.5765, -25.9842,  
-26.5197


204.8347,  
-42.2313, -28.1594


 65.0574, -24.0665,  
-26.0739


 101.4183,  
-29.7114, -27.2393

 54.1808, -22.0971,  
-25.5773


 114.6837,  
-31.5364, -27.5185

 43.9887, -20.0592,  
-25.0347


 128.4818,  
-33.3433, -27.7453

 34.5304, -17.9282,  
-24.4632

 142.7928,  
-35.1364, -27.9216

 25.8681, -15.6665,  
-23.9034

157.5989,  
-36.9192, -28.0493

 18.0831, -13.2114,  
-23.4567


172.8841,

 11.2883, -10.9337,


-38.6945, -28.1303


-23.4153


188.6338,  
-40.4646, -28.1664


 3.4805, -6.0908,  
-44.4760


0.0000, NaN, -NF


 76.5765, -25.9842,  
-26.5197

 76.5765, -25.9842,  
-26.5197


 74.0703, -25.7482,  
-30.5383


 79.3358, -25.3127,  
-22.2600


 71.8041, -24.6320,  
-34.3052

 82.3451, -23.7433,  
-17.7943

 69.7544, -22.7318,  
-37.8305

 85.6016, -21.3125,  
-13.1536

 69.3268, -22.2681,  
-38.5819

 89.0974, -18.0734,  
-8.3719

92.8223, -14.0885,  
-3.4804

96.7650, -9.4240,  
1.4929

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.



76.5778, -35.0036, -8.0947



76.5765, -25.9842, -26.5197



76.5778, -10.5070, -37.4538

# Triad

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



76.5778, -25.9844, -26.5176



76.5778, 34.3914, -2.3026



76.5778, -15.6790, 29.8263

# Complementary

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



76.5765, -25.9842, -26.5197



59.4173, 44.6687, 29.4270

# 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.



76.5778, 2.5453, 30.6653



76.5765, -25.9842, -26.5197



76.5778, 32.6689, 14.6883

# Square

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



76.5778, -25.9844, -26.5176



76.5778, 25.0824, -21.4162



76.5778, 20.5790, 25.8083



76.5778, -29.4589, 23.1539



# Rectangle

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



76.5765, -25.9842, -26.5197



76.5778, 1.9090, -37.6093



76.5778, 20.5790, 25.8083



76.5778, -9.9101, 30.7272

# Sweetspot

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



76.5778, -25.9844, -26.5176



91.9985, -15.0095, -4.5453



86.4049, -63.2031, 40.0534



42.0741, -7.4758, -2.7408

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.5778, -25.9844, -26.5176



73.3286, -25.4878, -31.7568



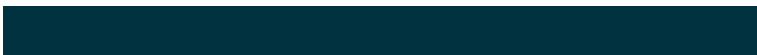
50.2529, 17.3761, -80.3515



44.4573, -4.7399, 0.3053



50.3430, -16.4163, -27.4864



16.2080, -5.8076, -7.7217



# Inverse Universe

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



56.8385, 78.8580, -32.0750



52.9582, 89.0058, -33.8028



81.2437, 0.2642, 44.2395



42.6943, 3.0988, -0.4419



36.4506, 68.3969, -22.7568

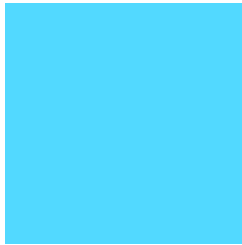


11.4444, 21.5920, -8.0557



# Previews

## White Background



This preview shows how the HunterLab color 76.5765, -25.9842, -26.5197 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

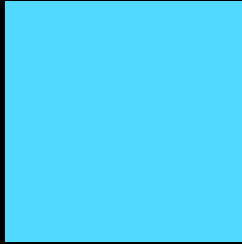
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.5765, -25.9842, -26.5197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

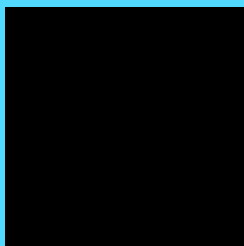
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

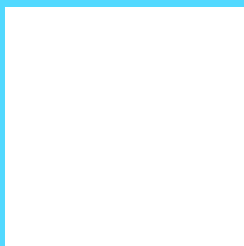
Any Text WCAG AAA ✓ Pass

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

## HunterLab 76.5765, -25.9842, -26.5197 Background



This preview shows how black text looks on a background with the HunterLab color 76.5765, -25.9842, -26.5197.



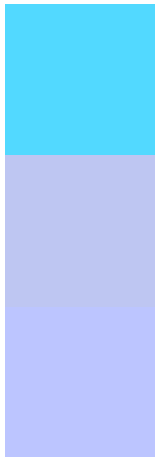
This preview shows how white text looks on a background with the HunterLab color 76.5765, -25.9842, -26.5197.

-25.9842, -26.5197.

# 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

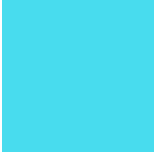
76.5765, -25.9842, -26.5197

### Protanopia

75.9909, 1.9789, -18.6825

### Deuteranopia

76.0552, 4.8010, -26.8041




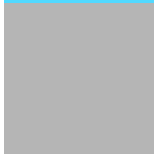
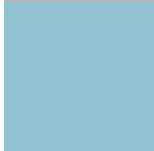
## **Tritanopia**

76.6402, -32.3441, -15.9178

# Trichromacy

	<b>Original Color</b> 76.5765, -25.9842, -26.5197
	<b>Protanomaly</b> 75.4701, -10.5445, -22.8105
	<b>Deuteranomaly</b> 75.3627, -8.6319, -28.1437
	<b>Tritanomaly</b> 76.6363, -30.1360, -19.5202

# Monochromacy

	<b>Original Color</b> 76.5765, -25.9842, -26.5197
	<b>Achromatopsia</b> 67.9762, -3.6270, 3.6933
	<b>Achromatomaly</b> 70.1123, -14.8669, -7.5207

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.5765, -25.9842, -26.5197 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(82, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 217, 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(82, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 217, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.5765, -25.9842, -26.5197 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(82, 217, 255) }
```



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

```
.border{ border-color:rgb(82, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(82, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 217,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.5765, -25.9842, -26.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 217, 255) }
```

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

```
.background{ background-color: rgb(82, 217,  
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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