

# Converting Colors

HunterLab(76.3663, -19.5726,  
-38.6746)

Have a look what the booklet for  
HunterLab(76.3663, -19.5726,  
-38.6746) contains.

<b>HunterLab(75.6912, -24.1342, -27.8896)</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(75.6912,  
-24.1342, -27.8896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56D6FF
RGB	86, 214, 255
RGB Percent	34%, 84%, 100%
CMY	0.6627, 0.1608, 0.0000
CMYK	0.66, 0.16, 0.00, 0.00
HSL	195°, 100%, 67%
HSV	195°, 66%, 100%
XYZ	45.9343, 57.2916, 103.2452
YIQ	180.4020, -89.4490, -14.3850

# Conversions

## Conversions Part 2

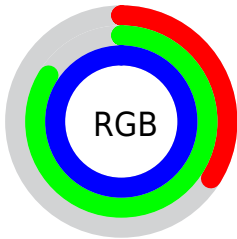
Format	Color
R <sub>Y</sub> B	86, 159, 255
Decimal	5691135
CIE Lab	80.34, -22.90, -30.38
CIE LCh	80, 38.039, 232.992
Yxy	57.2936, 0.2225, 0.2775
Android (android.graphics.Color)	4283881215 (0xFF56D6FF)
YUV	180.4020, 36.7768, -82.7906
Hunter-Lab	75.6912, -24.1342, -27.8896

# Details

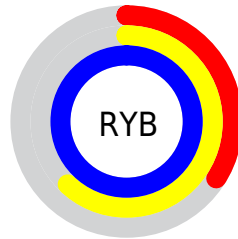
The HunterLab color **75.6912, -24.1342, -27.8896** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **60.9201, 41.3886, 29.6927**, and the grayscale version is **67.6062, -3.6073, 3.6732**.

A 20% lighter version of the original color is **92.4205, -32.7983, -4.3183**, and **53.7341, -18.9886, -26.1719** is the 20% darker color. If you saturate the color by 10%, you get **72.9514, -23.7829, -32.3549**, and if you desaturate by 10%, it is **78.6883, -23.5728, -23.2103**.

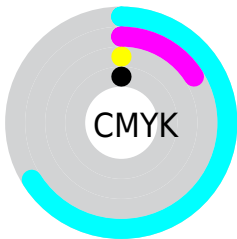
# Distribution



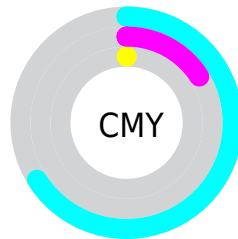
- Red (34%)
- Green (84%)
- Blue (100%)



- Red (34%)
- Yellow (62%)
- Blue (100%)



- Cyan (66%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (66%)
- Magenta (16%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.6912, -24.1342, -27.8896 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 75.6912, -24.1342, -27.8896 by changing the saturation by 10% instead.




 75.6912, -24.1342,  
-27.8896


 75.6912, -24.1342,  
-27.8896


203.6046,  
-39.5816, -29.8343


 64.2191, -22.3270,  
-27.4122


 100.4457,  
-27.6575, -28.6765


 53.3923, -20.4750,  
-26.8868


 113.6703,  
-29.3874, -28.9902

 43.2533, -18.5632,  
-26.3208


 127.4292,  
-31.1033, -29.2515

 33.8524, -16.5688,  
-25.7356

 141.7024,  
-32.8088, -29.4622

 25.2528, -14.4568,  
-25.1811

156.4720,  
-34.5071, -29.6240

 17.5376, -12.1690,  
-24.7808

171.7218,

 10.8230, -10.2068,

-36.2007, -29.7388

-24.8927

187.4371,  
-37.8917, -29.8083

■ 1.9527, -3.4172,  
-81.6043

0.0000, NaN, -NF

■ 75.6912, -24.1342,  
-27.8896

■ 75.6912, -24.1342,  
-27.8896

■ 72.9514, -23.7829,  
-32.3549

■ 78.6883, -23.5728,  
-23.2103

■ 70.4594, -22.5331,  
-36.5880

■ 81.9368, -22.1189,  
-18.3569

■ 68.1989, -20.4548,  
-40.5833

■ 85.4313, -19.8174,  
-13.3631

■ 67.3947, -19.5456,  
-42.0443

■ 89.1618, -16.7269,  
-8.2631

■ 93.1170, -12.9129,  
-3.0870

■ 97.2843, -8.4433,  
2.1396

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.



75.6925, -33.8660, -10.1999



75.6912, -24.1342, -27.8896



75.6925, -8.3004, -37.3448

# Triad

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



75.6925, -24.1344, -27.8875



75.6925, 34.2631, -0.0910



75.6925, -17.3394, 28.9660

# Complementary

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



75.6912, -24.1342, -27.8896



60.9201, 41.3886, 29.6927

# 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.



75.6925, 0.3110, 30.4396



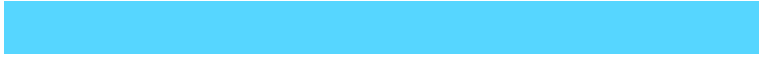
75.6912, -24.1342, -27.8896



75.6925, 31.2588, 16.0945

# Square

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



75.6925, -24.1344, -27.8875



75.6925, 26.2486, -18.9992



75.6925, 18.3911, 26.3237



75.6925, -30.2118, 21.6691



# Rectangle

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



75.6912, -24.1342, -27.8896



75.6925, 4.0552, -36.4313



75.6925, 18.3911, 26.3237



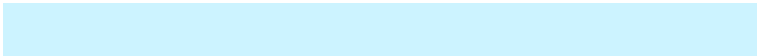
75.6925, -11.8140, 30.0743

# Sweetspot

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



75.6925, -24.1344, -27.8875



91.6165, -14.4156, -5.0246



86.5973, -62.2335, 38.8861



41.8720, -7.1644, -2.9977

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.6925, -24.1344, -27.8875



71.9935, -23.4196, -33.9618



50.4494, 17.9124, -79.7863



44.3743, -4.6063, 0.2059



48.9678, -14.4856, -29.9351



15.8258, -5.2844, -8.3733



# Inverse Universe

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



57.2472, 76.6319, -29.2736



52.9718, 87.5959, -30.8337



82.4583, -1.5359, 44.4516



42.6856, 3.0521, -0.3181



36.2610, 67.7232, -20.1741

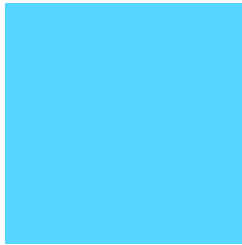


11.3903, 21.4003, -7.3230



# Previews

## White Background



This preview shows how the HunterLab color 75.6912, -24.1342, -27.8896 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

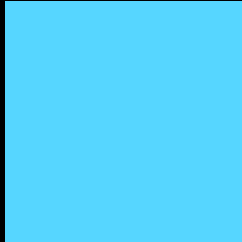
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.6912, -24.1342, -27.8896 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 75.6912, -24.1342, -27.8896 Background



This preview shows how black text looks on a background with the HunterLab color 75.6912, -24.1342, -27.8896.



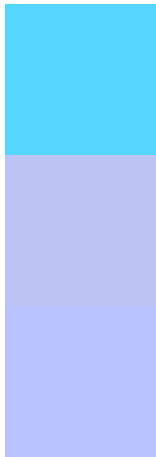
This preview shows how white text looks on a background with the HunterLab color 75.6912, -24.1342, -27.8896.

-24.1342, -27.8896.

# 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

75.6912, -24.1342, -27.8896

### Protanopia

75.1368, 2.1665, -19.9504

### Deuteranopia

75.2094, 5.0251, -28.1507



## Tritanopia

75.5776, -31.3881, -15.6379

# Trichromacy



## Original Color

75.6912, -24.1342, -27.8896

## Protanomaly

74.7739, -9.7705, -23.8697

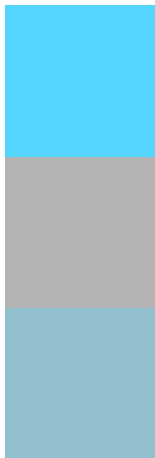
## Deuteranomaly

74.7333, -7.6206, -29.1406

## Tritanomaly

75.6206, -28.9304, -19.7726

# Monochromacy



## Original Color

75.6912, -24.1342, -27.8896

## Achromatopsia

67.5582, -3.6047, 3.6706

## Achromatomaly

69.5092, -13.8716, -7.7643

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.6912, -24.1342, -27.8896 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(86, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(86, 214, 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(86, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 214, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.6912, -24.1342, -27.8896 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(86, 214, 255) }
```



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

```
.border{ border-color:rgb(86, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(86, 214,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.6912, -24.1342, -27.8896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 214, 255) }
```

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

```
.background{ background-color: rgb(86, 214,  
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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