

# Converting Colors

Hex(5DDAFF)

Have a look what the booklet for  
Hex(5DDAFF) contains.

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# **Color**

**Hex(5DDAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DDAFF
RGB	93, 218, 255
RGB Percent	36%, 85%, 100%
CMY	0.6353, 0.1451, 0.0000
CMYK	0.64, 0.15, 0.00, 0.00
HSL	194°, 100%, 68%
HSV	194°, 64%, 100%
XYZ	47.6356, 59.6900, 103.6184
YIQ	184.8430, -86.3770, -14.9930

# Conversions

## Conversions Part 2

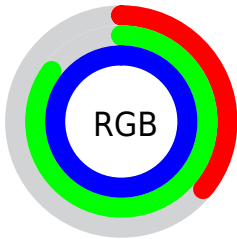
Format	Color
RYP	93, 164, 255
Decimal	6150911
CIELab	81.67, -23.83, -28.33
CIElCh	82, 37.016, 229.933
Yxy	59.6900, 0.2258, 0.2830
Android (android.graphics.Color)	4284340991 (0xFF5DDAFF)
YUV	184.8430, 34.5874, -80.5463
Hunter-Lab	77.2593, -25.1463, -25.4369

# Details

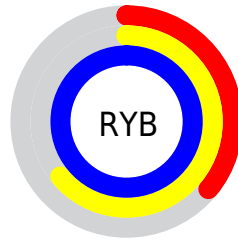
The Hex color **5DDAFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF825D**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9EFFFF**, and **00A3C6** is the 20% darker color. If you saturate the color by 10%, you get **43D4FF**, and if you desaturate by 10%, it is **77E0FF**.

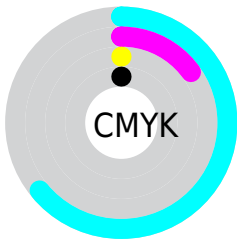
# Distribution



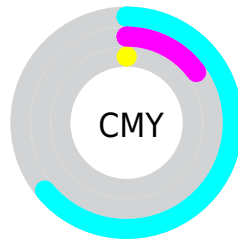
- Red (36%)
- Green (85%)
- Blue (100%)



- Red (36%)
- Yellow (64%)
- Blue (100%)



- Cyan (64%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DDAFF 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 Hex color 5DDAFF by changing the saturation by 10% instead.



 5DDAFF

 5DDAFF

FFFFFF

 37BEE2


 9EFFFF

 00A3C6

 BCFFFF

 0088AB

 DBFFFF


 006F90

 FAFFFF

 005676

 003F5E

 002846

 000F2F

 00011A

 5DDAFF

 5DDAFF

 43D4FF

 77E0FF

 2ACEFF

 90E6FF

 10C9FF

 AAEBFF

 00C5FF

 C3F1FF

 DDF7FF

 F6FDFF

FFFFFF

# Harmonies

## Analogous

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



59DEE1



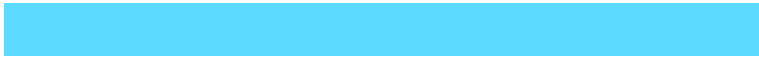
5DDAFF



8AD2FF

# Triad

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



5DDAFF



FFB2D8



CBD089

# Complementary

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



5DDAFF



FF825D

# 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.



EEC587



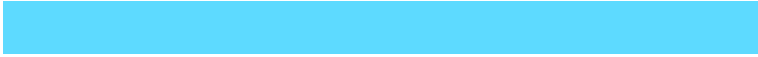
5DDAFF



FFB2B5

# Square

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



5DDAFF



ECBAF8



FFB997



A4D99D

# Rectangle

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



5DDAFF



AECAFF



FFB997

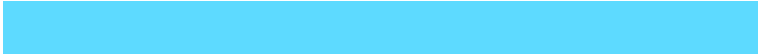


D7CD86

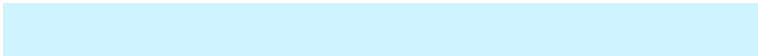


# Sweetspot

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



5DDAFF



CFF4FF



5DFF80



627980



000000



808080



# Same Dimension

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



5DDAFF



3DD3FF



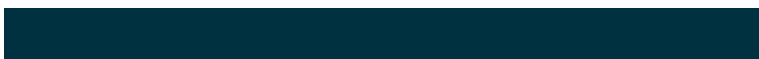
5D8BFF



737D80



0094BF



003140



# Inverse Universe

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



FF5DDA



FF3DD3



FFD15D



80737D



BF0094

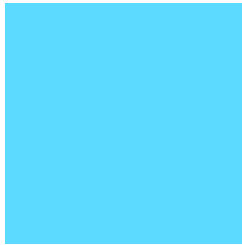


400031



# Previews

## White Background



This preview shows how the Hex color 5DDAFF looks on a white background.

## Color Contrast Check

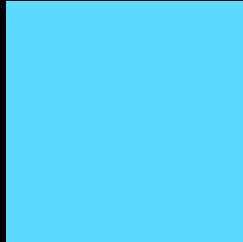
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5DDAFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

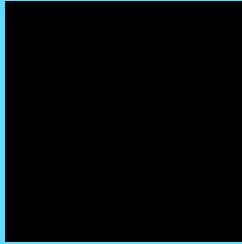
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DDAFF Background



This preview shows how black text looks on a background with the Hex color 5DDAFF.

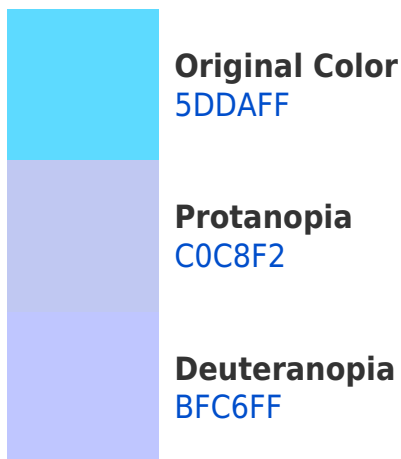


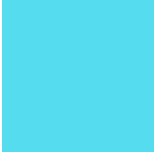
This preview shows how white text looks on a background with the Hex color 5DDAFF.

# 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](#).

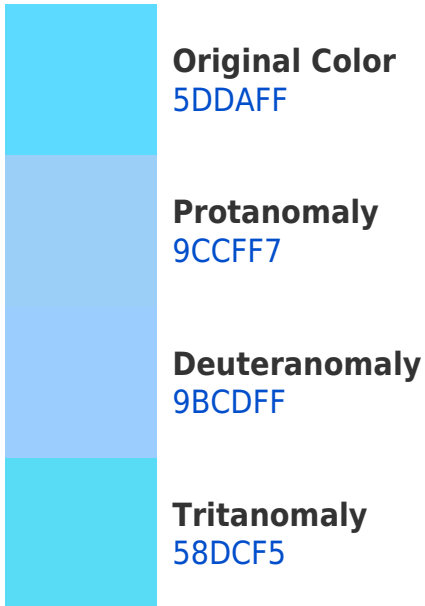
## Dichromacy



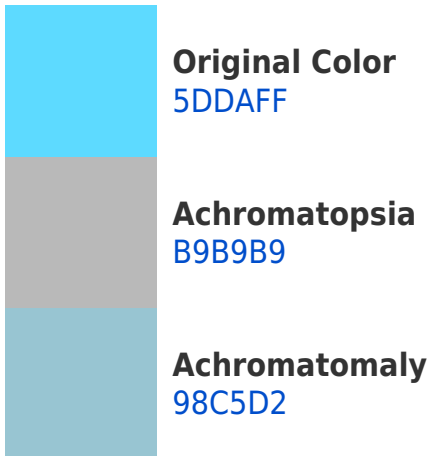


**Tritanopia**  
55DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DDAFF 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 #5DDAFF looks like.

```
.text, #text, p{  
    color:#5DDAFF  
}
```

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 #5DDAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DDAFF
}
```

## Border

The CSS property to change the border of an element to Hex 5DDAFF 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
#5DDAFF }
```

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

```
.border{ border-color:#5DDAFF }
```

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

Here you see how a box with a 4 pixel #5DDAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DDAFF; -webkit-box-shadow:4px 4px  
4px 4px #5DDAFF; box-shadow:4px 4px 4px  
4px #5DDAFF }
```

# Background

The CSS property to change the background color of an element to Hex 5DDAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DDAFF }
```

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

```
.background{ background-color:#5DDAFF }
```

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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