

# Converting Colors

Hex(25D5FF)

Have a look what the booklet for  
Hex(25D5FF) contains.

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**Color**

**Hex(25D5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25D5FF
RGB	37, 213, 255
RGB Percent	15%, 84%, 100%
CMY	0.8549, 0.1647, 0.0000
CMYK	0.85, 0.16, 0.00, 0.00
HSL	192°, 100%, 57%
HSV	192°, 85%, 100%
XYZ	42.6072, 55.2018, 103.0171
YIQ	165.1640, -118.3780, -24.2500

# Conversions

## Conversions Part 2

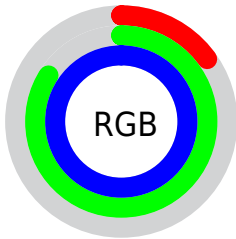
Format	Color
R <sub>Y</sub> B	37, 134, 255
Decimal	2479615
CIE Lab	79.16, -27.50, -32.28
CIE LCh	79, 42.402, 229.573
Yxy	55.2018, 0.2122, 0.2749
Android (android.graphics.Color)	4280669695 (0xFF25D5FF)
YUV	165.1640, 44.2891, -112.3998
Hunter-Lab	74.2979, -27.6580, -30.1995

# Details

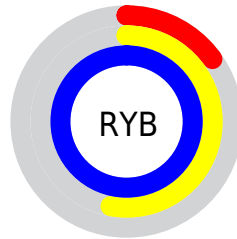
The Hex color **25D5FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4F25**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7CFFFF**, and **009EC6** is the 20% darker color. If you saturate the color by 10%, you get **0CD0FF**, and if you desaturate by 10%, it is **3FDAFF**.

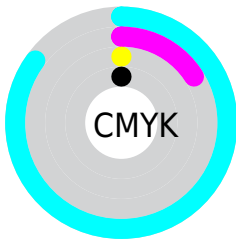
# Distribution



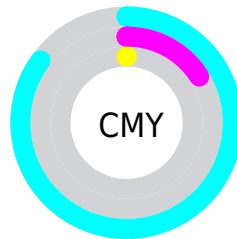
- Red (15%)
- Green (84%)
- Blue (100%)



- Red (15%)
- Yellow (53%)
- Blue (100%)



- Cyan (85%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25D5FF 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 25D5FF by changing the saturation by 10% instead.



 25D5FF

 25D5FF

FFFFFF

 00B9E2

 7CFFFF

 009EC6

 9EFFFF

 0084AB

 BEFFFF

 006A90


 DEFFFF

 005276

FEFFFF

 003A5D

 002545

 00042F

 00011A

■ 25D5FF

■ 25D5FF

■ 0CD0FF

■ 3FDAFF

■ 00CEFF

■ 58DFFF

■ 72E4FF

■ 8BE9FF

■ A5EEFF

■ BEF2FF

■ D8F7FF

■ F1FCFF

FFFFFF

# Harmonies

## Analogous

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



24D9DD



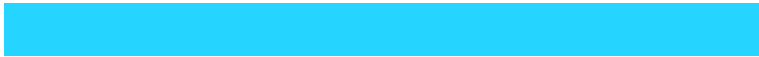
25D5FF



72CCFF

# Triad

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



25D5FF



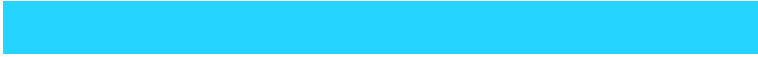
FFA7D4



C4CA78

# Complementary

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



25D5FF



FF4F25

# 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.



EABD76



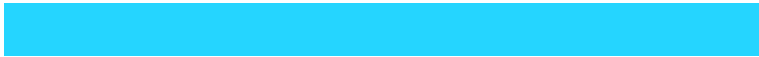
25D5FF



FFA6AC

# Square

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



25D5FF



E8B1F8



FFAF8A



97D38F

# Rectangle

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



25D5FF



9FC4FF



FFAF8A

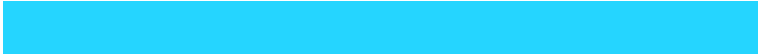


D2C675

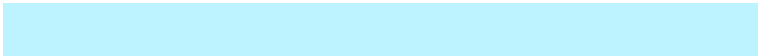


# Sweetspot

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



25D5FF



BDF2FF



25FF4D



587880



000000



808080

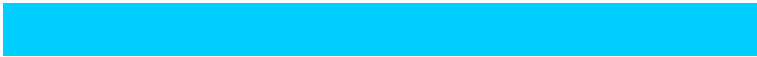


# Same Dimension

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



25D5FF



00CEFF



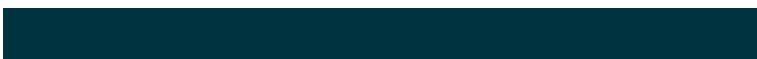
256AFF



737D80



009ABF



003340



# Inverse Universe

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



FF25D5



FF00CE



FFBA25



80737D



BF009A

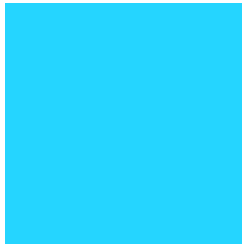


400033



# Previews

## White Background



This preview shows how the Hex color 25D5FF looks on a white background.

## Color Contrast Check

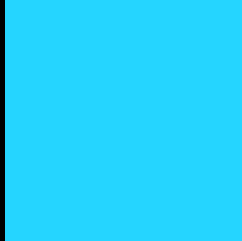
Large Text (above 18pt) WCAG AA × Fail

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 25D5FF 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 25D5FF Background



This preview shows how black text looks on a background with the Hex color 25D5FF.



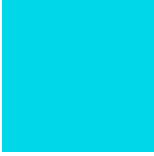
This preview shows how white text looks on a background with the Hex color 25D5FF.

# 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](#).

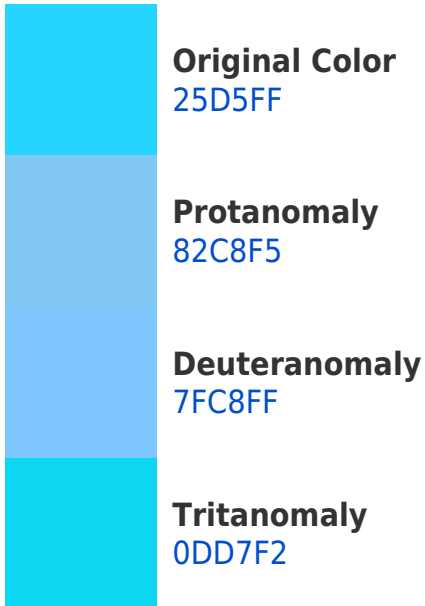
## Dichromacy



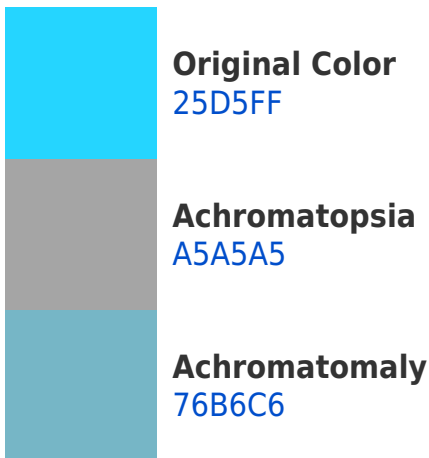


**Tritanopia**  
00D8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25D5FF 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 #25D5FF looks like.

```
.text, #text, p{  
    color:#25D5FF  
}
```

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 #25D5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25D5FF
}
```

## Border

The CSS property to change the border of an element to Hex 25D5FF 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
#25D5FF }
```

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

```
.border{ border-color:#25D5FF }
```

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

Here you see how a box with a 4 pixel #25D5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25D5FF; -webkit-box-shadow:4px 4px  
4px 4px #25D5FF; box-shadow:4px 4px 4px  
4px #25D5FF }
```

# Background

The CSS property to change the background color of an element to Hex 25D5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25D5FF }
```

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

```
.background{ background-color:#25D5FF }
```

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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