

Converting Colors

Hex(25D7FF)

Have a look what the booklet for
Hex(25D7FF) contains.

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Color

Hex(25D7FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 25D7FF |
| RGB | 37, 215, 255 |
| RGB Percent | 15%, 84%, 100% |
| CMY | 0.8549, 0.1569, 0.0000 |
| CMYK | 0.85, 0.16, 0.00, 0.00 |
| HSL | 191°, 100%, 57% |
| HSV | 191°, 85%, 100% |
| XYZ | 43.1134, 56.2142, 103.1859 |
| YIQ | 166.3380, -118.9280, -25.2960 |

Conversions

Conversions Part 2

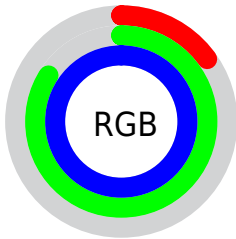
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 37, 135, 255 |
| Decimal | 2480127 |
| CIE Lab | 79.74, -28.48, -31.39 |
| CIE LCh | 80, 42.382, 227.781 |
| Yxy | 56.2142, 0.2129, 0.2776 |
| Android (android.graphics.Color) | 4280670207 (0xFF25D7FF) |
| YUV | 166.3380, 43.7104, -113.4294 |
| Hunter-Lab | 74.9761, -28.5657, -29.1145 |

Details

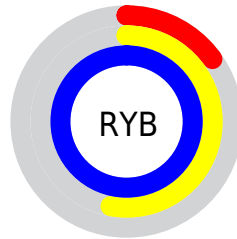
The Hex color **25D7FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4D25**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **7CFFFF**, and **00A0C6** is the 20% darker color. If you saturate the color by 10%, you get **0CD2FF**, and if you desaturate by 10%, it is **3FDCFF**.

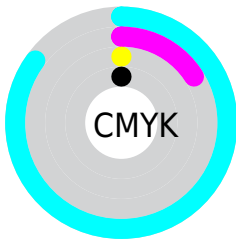
Distribution



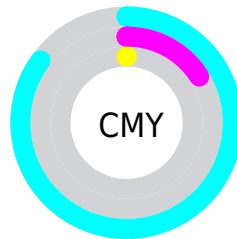
- Red (15%)
- Green (84%)
- Blue (100%)



- 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 25D7FF 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 25D7FF by changing the saturation by 10% instead.

 25D7FF

 25D7FF

FFFFFF

 00BBE2

 7CFFFF

 00A0C6

 9EFFFF

 0086AB

 BEFFFF

 006C90


 DEFFFF

 005376

FEFFFF

 003C5D

 002646

 00042F

 00011A

 25D7FF

 25D7FF

 0CD2FF

 3FDCFF

 00D0FF

 58E0FF

 72E5FF

 8BEAFF

 A5EEFF

 BEF3FF

 D8F8FF

 F1FCFF

FFFFFF

Harmonies

Analogous

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



2BDBDC



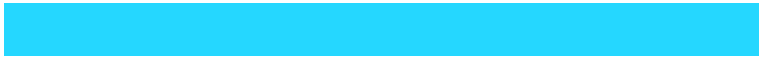
25D7FF



6FCEFF

Triad

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



25D7FF



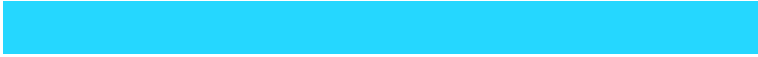
FFA9D8



C8CB79

Complementary

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



25D7FF



FF4D25

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.



EEBE78



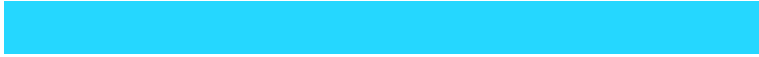
25D7FF



FFA8AF

Square

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



25D7FF



E7B3FB



FFB08D



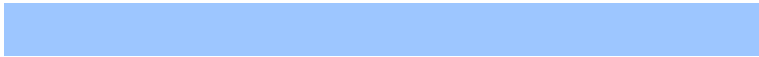
9BD48F

Rectangle

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



25D7FF



9DC6FF



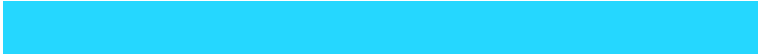
FFB08D



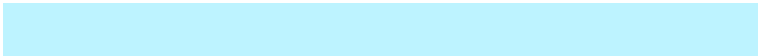
D6C776

Sweetspot

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



25D7FF



BDF3FF



25FF4D



587880



000000



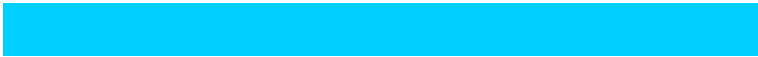
808080

Same Dimension

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



25D7FF



00D0FF



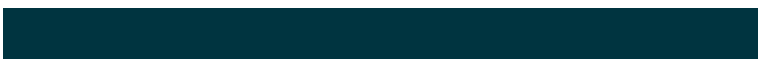
256AFF



737D80



009CBF



003440

Inverse Universe

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



FF25D7



FF00D0



FFBA25



80737D



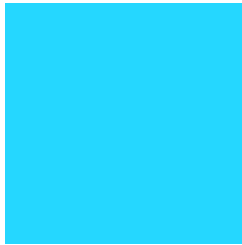
BF009C



400034

Previews

White Background



This preview shows how the Hex color 25D7FF looks on a white background.

Color Contrast Check

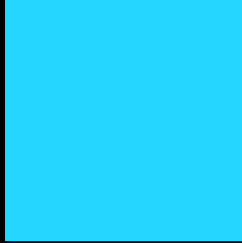
Large Text (above 18pt) WCAG AA × Fail

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 25D7FF 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 25D7FF Background



This preview shows how black text looks on a background with the Hex color 25D7FF.

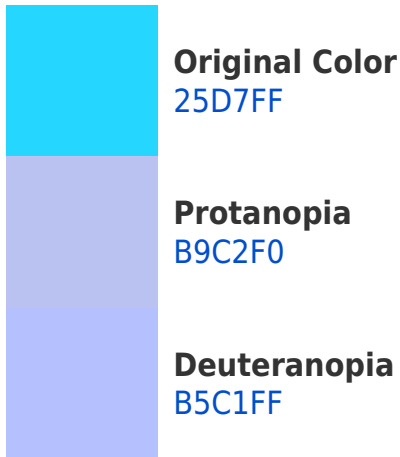


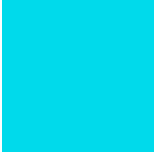
This preview shows how white text looks on a background with the Hex color 25D7FF.

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





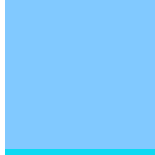
Trichromacy



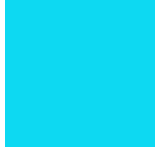
Original Color
25D7FF



Protanomaly
83CAF5



Deuteranomaly
81C9FF

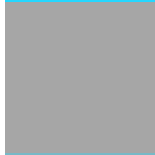


Tritanomaly
0DD9F2

Monochromacy



Original Color
25D7FF



Achromatopsia
A6A6A6



Achromatomaly
77B8C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 25D7FF 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 #25D7FF looks like.

```
.text, #text, p{  
    color:#25D7FF  
}
```

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 #25D7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25D7FF
}
```

Border

The CSS property to change the border of an element to Hex 25D7FF 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
#25D7FF }
```

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

```
.border{ border-color:#25D7FF }
```

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

Here you see how a box with a 4 pixel #25D7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25D7FF; -webkit-box-shadow:4px 4px  
4px 4px #25D7FF; box-shadow:4px 4px 4px  
4px #25D7FF }
```

Background

The CSS property to change the background color of an element to Hex 25D7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25D7FF }
```

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

```
.background{ background-color:#25D7FF }
```

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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