

Converting Colors

Hex(25BDFF)

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

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Color

Hex(25BDFF)

Conversions

Conversions Part 1

Format	Color
Hex	25BDFF
RGB	37, 189, 255
RGB Percent	15%, 74%, 100%
CMY	0.8549, 0.2588, 0.0000
CMYK	0.85, 0.26, 0.00, 0.00
HSL	198°, 100%, 57%
HSV	198°, 85%, 100%
XYZ	37.0105, 44.0085, 101.1516
YIQ	151.0760, -111.7780, -11.6980

Conversions

Conversions Part 2

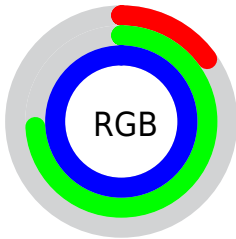
Format	Color
R _Y B	37, 127, 255
Decimal	2473471
CIE Lab	72.23, -15.20, -43.02
CIE LCh	72, 45.629, 250.538
Yxy	44.0085, 0.2032, 0.2416
Android (android.graphics.Color)	4280663551 (0xFF25BDFF)
YUV	151.0760, 51.2345, -100.0447
Hunter-Lab	66.3389, -16.5078, -43.9664

Details

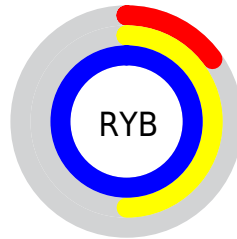
The Hex color **25BDFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **FF6725**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7AF5FF**, and **0088C6** is the 20% darker color. If you saturate the color by 10%, you get **0CB5FF**, and if you desaturate by 10%, it is **3FC5FF**.

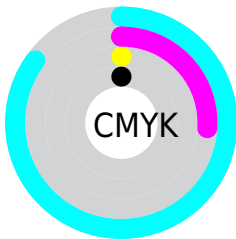
Distribution



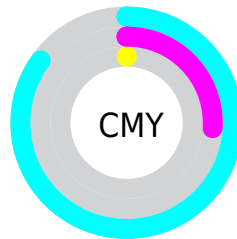
- Red (15%)
- Green (74%)
- Blue (100%)



- Red (15%)
- Yellow (50%)
- Blue (100%)



- Cyan (85%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 25BDFF

 25BDFF

FFFFFF

 00A2E2


 7AF5FF

 0088C6

 9BFFFF

 006EAA

 BCFFFF

 005690

 DBFFFF

 003F76

 FBFFFF

 00295D

 001445

 00032E

 000118

 25BDFF

 25BDFF

 0CB5FF

 3FC5FF

 00B2FF

 58CCFF

 72D4FF

 8BDCFF

 A5E4FF

 BEEBFF

 D8F3FF

 F1FBFF

FFFFFF

Harmonies

Analogous

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



00C5E6



25BDFF



89B0FF

Triad

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



25BDFE



FF8FA4



8FBE70

Complementary

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



25BDFE



FF6725

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.



BDB35D



25BDFF



FA977D

Square

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



25BDFE



F093CE



E2A562



57C594

Rectangle

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



25BDFE



B6A6F9



E2A562



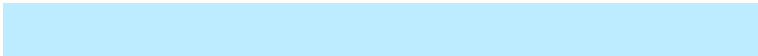
9FBB67

Sweetspot

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



25BDFF



BDEBFF



25FF66



587480



000000



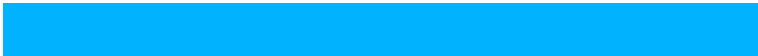
808080

Same Dimension

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



25BDFE



00B2FE



2551FE



737C80



0085BF



002C40

Inverse Universe

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



FF25BD



FF00B2



FFD325



80737C



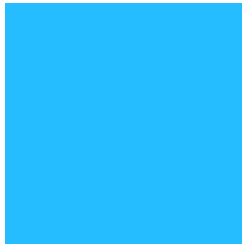
BF0085



40002C

Previews

White Background



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

Color Contrast Check

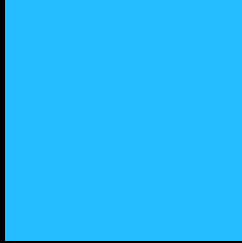
Large Text (above 18pt) WCAG AA × Fail

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 25BDFE 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

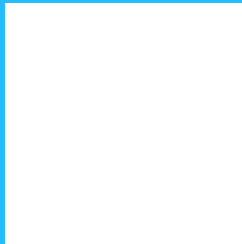
Any Text WCAG AAA ✓ Pass

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

Hex 25BDFF Background



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

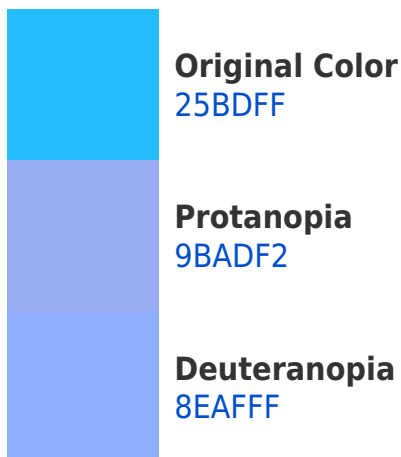


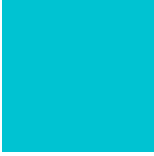
This preview shows how white text looks on a background with the Hex color 25BDFF.

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](#).

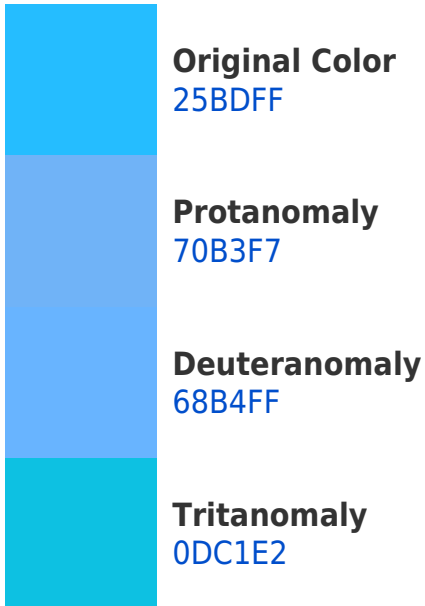
Dichromacy



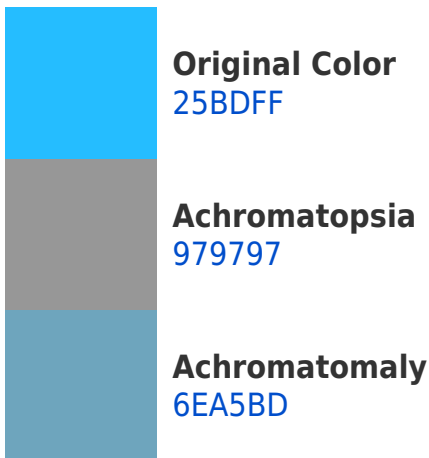


Tritanopia
00C3D2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #25BDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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