

# Converting Colors

Hex(25BFE7)

Have a look what the booklet for  
Hex(25BFE7) contains.

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# **Color**

**Hex(25BFE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25BFE7
RGB	37, 191, 231
RGB Percent	15%, 75%, 91%
CMY	0.8549, 0.2510, 0.0941
CMYK	0.84, 0.17, 0.00, 0.09
HSL	192°, 80%, 53%
HSV	192°, 84%, 91%
XYZ	33.8176, 43.4244, 82.2007
YIQ	149.5140, -104.6240, -20.2080

# Conversions

## Conversions Part 2

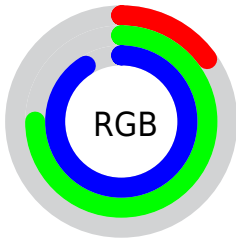
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 123, 231
Decimal	2473959
CIELab	71.84, -24.33, -30.66
CIElCh	72, 39.139, 231.566
Yxy	43.4244, 0.2121, 0.2724
Android (android.graphics.Color)	4280664039 (0xFF25BFE7)
YUV	149.5140, 40.1726, -98.6748
Hunter-Lab	65.8972, -23.7164, -27.8307

# Details

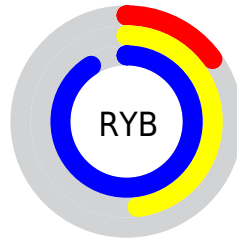
The Hex color **25BFE7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed azure. A complement of this color would be **E74D25**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **76F8FF**, and **0089AF** is the 20% darker color. If you saturate the color by 10%, you get **0EBAE7**, and if you desaturate by 10%, it is **3CC4E7**.

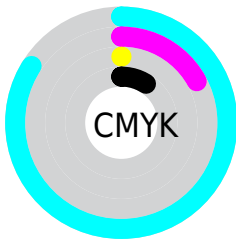
# Distribution



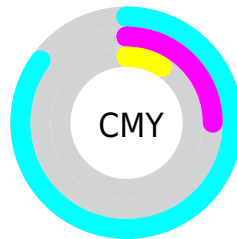
- Red (15%)
- Green (75%)
- Blue (91%)



- Red (15%)
- Yellow (48%)
- Blue (91%)



- Cyan (84%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (25%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25BFE7 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 25BFE7 by changing the saturation by 10% instead.



■ 25BFE7

FFFFFF

■ 76F8FF

■ 97FFFF

■ B6FFFF

■ D5FFFF

■ F5FFFF

■ 25BFE7

■ 00A4CB

■ 0089AF

■ 007095

■ 00577B

■ 003F62

■ 00294A

■ 001033

■ 00021D

■ 000000

■ 25BFE7

■ 25BFE7

■ 0EBAE7

■ 3CC4E7

■ 00B7E7

■ 53C9E7

■ 6ACDE7

■ 81D2E7

■ 99D7E7

■ B0DCE7

■ C7E0E7

■ DEE5E7

■ F5EAE7

# Harmonies

## Analogous

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



1AC3C9



25BFE7



6AB7F6

# Triad

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



25BFE7



EF95BC



ADB66C

# Complementary

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



25BFE7



E74D25

# 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.



D1AA69



25BFE7



F69598

# Square

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



25BFE7



D39EDD



EA9E79



84BE82

# Rectangle

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



25BFE7



93AFF6



EA9E79



BAB269

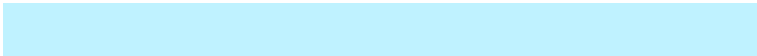


# Sweetspot

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



25BFE7



BFF2FF



25E74C



597880



000000



808080

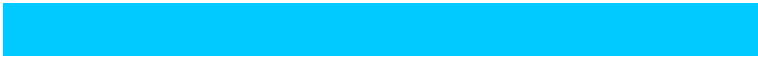


# Same Dimension

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



25BFE7



00CAFF



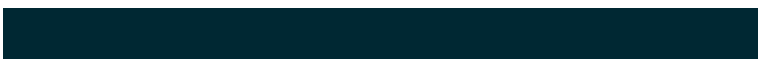
255FE7



677073



008EB3



002833



# Inverse Universe

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



E725BF



FF00CA



E7AD25



736770



B3008E

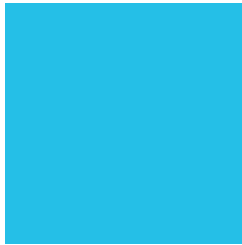


330028



# Previews

## White Background



This preview shows how the Hex color 25BFE7 looks on a white background.

## Color Contrast Check

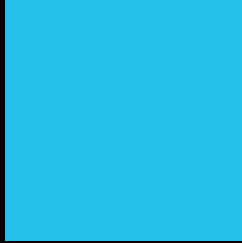
Large Text (above 18pt) WCAG AA × Fail

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 25BFE7 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 25BFE7 Background



This preview shows how black text looks on a background with the Hex color 25BFE7.

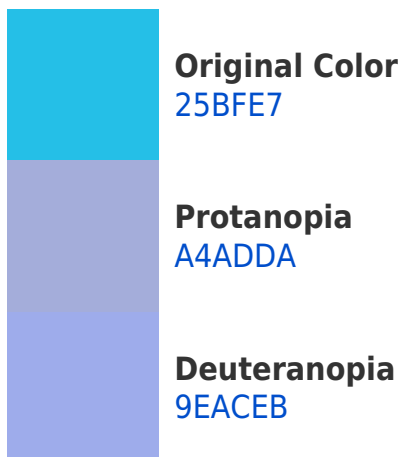


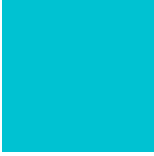
This preview shows how white text looks on a background with the Hex color 25BFE7.

# 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](#).

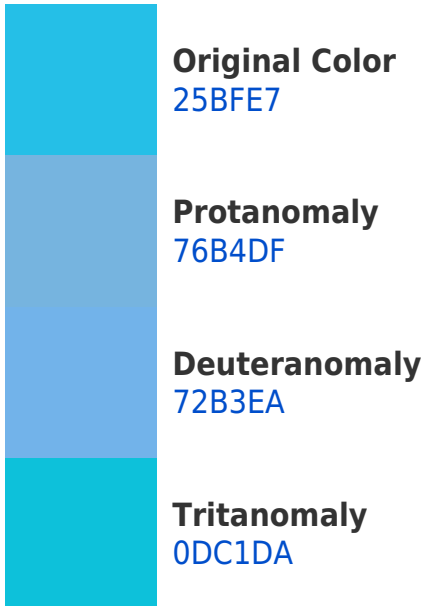
## Dichromacy



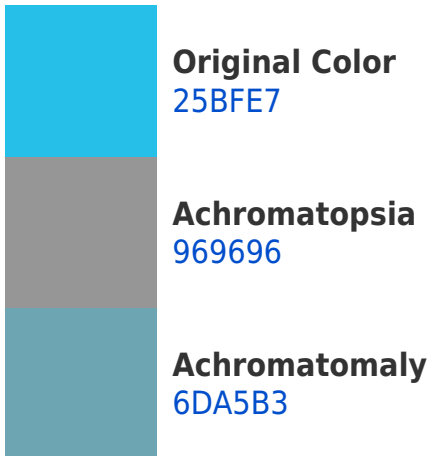


**Tritanopia**  
00C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25BFE7 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 #25BFE7 looks like.

```
.text, #text, p{  
    color:#25BFE7  
}
```

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 #25BFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25BFE7
}
```

## Border

The CSS property to change the border of an element to Hex 25BFE7 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
#25BFE7 }
```

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

```
.border{ border-color:#25BFE7 }
```

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

Here you see how a box with a 4 pixel #25BFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25BFE7; -webkit-box-shadow:4px 4px  
4px 4px #25BFE7; box-shadow:4px 4px 4px  
4px #25BFE7 }
```

# Background

The CSS property to change the background color of an element to Hex 25BFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25BFE7 }
```

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

```
.background{ background-color:#25BFE7 }
```

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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