

# Converting Colors

Hex(29D5F0)

Have a look what the booklet for  
Hex(29D5F0) contains.

<b>Hex(29D5F0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(29D5F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29D5F0
RGB	41, 213, 240
RGB Percent	16%, 84%, 94%
CMY	0.8392, 0.1647, 0.0588
CMYK	0.83, 0.11, 0.00, 0.06
HSL	188°, 87%, 55%
HSV	188°, 83%, 94%
XYZ	40.4369, 54.3512, 90.7977
YIQ	164.6500, -111.1790, -28.0670

# Conversions

## Conversions Part 2

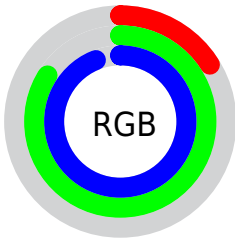
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 133, 240
Decimal	2741744
CIE Lab	78.67, -31.99, -25.03
CIE LCh	79, 40.620, 218.044
Yxy	54.3512, 0.2179, 0.2929
Android (android.graphics.Color)	4280931824 (0xFF29D5F0)
YUV	164.6500, 37.1476, -108.4410
Hunter-Lab	73.7233, -31.1092, -21.4154

# Details

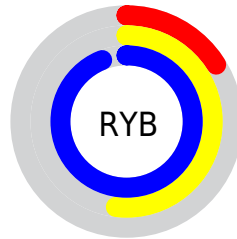
The Hex color **29D5F0** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F04429**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7BFFFF**, and **009EB8** is the 20% darker color. If you saturate the color by 10%, you get **11D2F0**, and if you desaturate by 10%, it is **41D8F0**.

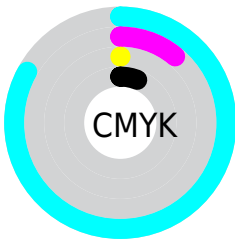
# Distribution



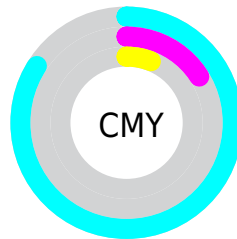
- Red (16%)
- Green (84%)
- Blue (94%)



- Red (16%)
- Yellow (52%)
- Blue (94%)



- Cyan (83%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (84%)
- Magenta (16%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29D5F0 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 29D5F0 by changing the saturation by 10% instead.



 29D5F0

 29D5F0

FFFFFF

 00B9D4

 7BFFFF

 009EB8

 9CFFFF

 00839D

 BCFFFF

 006A83

 DCFFFF

 00516A

 FCFFFF

 003951


 00253A

 000225

 00010D

 29D5F0


 29D5F0

 11D2F0

 41D8F0

 00CFF0

 59DCF0

 71DFF0

 89E2F0

 A1E5F0

 B9E9F0

 D1ECF0

 E9EFF0

 FFF2F0

# Harmonies

## Analogous

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



47D7CC



29D5F0



5DCEFF

# Triad

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



29D5F0



FBA9E0



D2C477

# Complementary

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



29D5F0



F04429

# 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.



F3B77D



29D5F0



FFA5BA

# Square

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



29D5F0



D4B5FE



FFAB96



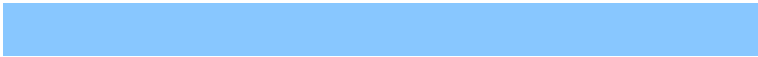
A9CE86

# Rectangle

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



29D5F0



88C7FF



FFAB96



DEC077

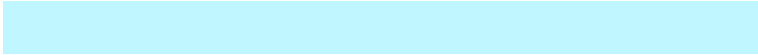


# Sweetspot

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



29D5F0



BFF6FF



29F044



597A80



000000



808080



# Same Dimension

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



29D5F0



00DCFF



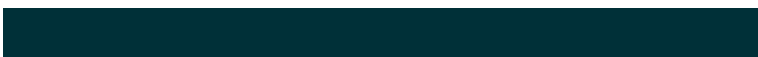
2972F0



6C7678



009FB8



003038



# Inverse Universe

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



F029D5



FF00DC



F0A729



786C76



B8009F

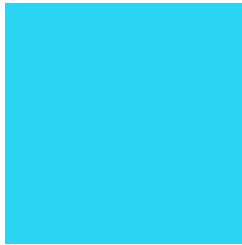


380030



# Previews

## White Background



This preview shows how the Hex color 29D5F0 looks on a white background.

## Color Contrast Check

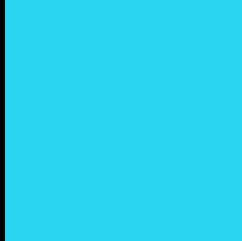
Large Text (above 18pt) WCAG AA × Fail

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 29D5F0 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 29D5F0 Background



This preview shows how black text looks on a background with the Hex color 29D5F0.

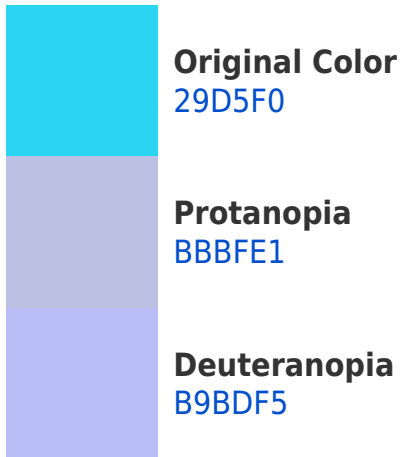


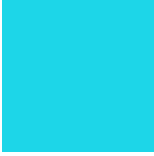
This preview shows how white text looks on a background with the Hex color 29D5F0.

# 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](#).

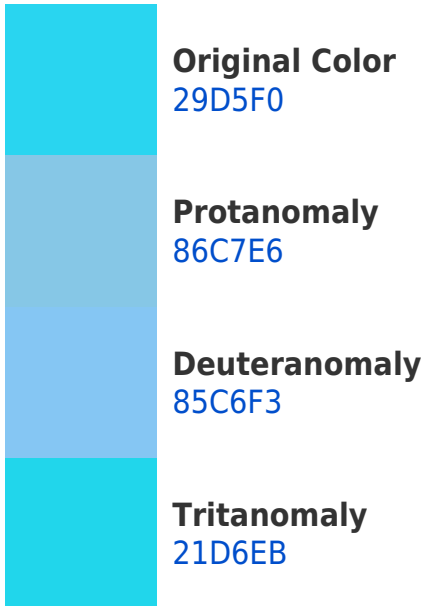
## Dichromacy





**Tritanopia**  
1DD6E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29D5F0 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 #29D5F0 looks like.

```
.text, #text, p{  
    color:#29D5F0  
}
```

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 #29D5F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D5F0
}
```

## Border

The CSS property to change the border of an element to Hex 29D5F0 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
#29D5F0 }
```

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

```
.border{ border-color:#29D5F0 }
```

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

Here you see how a box with a 4 pixel #29D5F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D5F0; -webkit-box-shadow:4px 4px  
4px 4px #29D5F0; box-shadow:4px 4px 4px  
4px #29D5F0 }
```

# Background

The CSS property to change the background color of an element to Hex 29D5F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D5F0 }
```

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

```
.background{ background-color:#29D5F0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor