

# Converting Colors

Hex(29E5DF)

Have a look what the booklet for  
Hex(29E5DF) contains.

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# Color

Hex(29E5DF)

# Conversions

## Conversions Part 1

Format	Color
Hex	29E5DF
RGB	41, 229, 223
RGB Percent	16%, 90%, 87%
CMY	0.8392, 0.1020, 0.1255
CMYK	0.82, 0.00, 0.03, 0.10
HSL	178°, 78%, 53%
HSV	178°, 82%, 90%
XYZ	42.2530, 61.8378, 79.5210
YIQ	172.1040, -110.1220, -41.7220

# Conversions

## Conversions Part 2

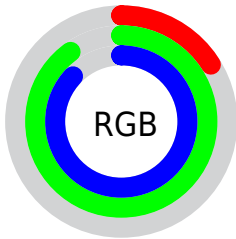
Format	Color
<a href="#">RYB</a>	<a href="#">41, 137, 229</a>
Decimal	<a href="#">2745823</a>
CIELab	<a href="#">82.83, -44.38, -9.72</a>
CIElCh	<a href="#">83, 45.429, 192.352</a>
Yxy	<a href="#">61.8378, 0.2301, 0.3368</a>
Android (android.graphics.Color)	<a href="#">4280935903</a> ( <a href="#">0xFF29E5DF</a> )
YUV	<a href="#">172.1040, 25.0917, -114.9782</a>
Hunter-Lab	<a href="#">78.6370, -41.7035, -4.9106</a>

# Details

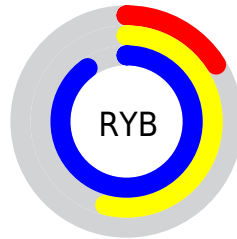
The Hex color **29E5DF** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E5292F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **7BFFFF**, and **00ADA8** is the 20% darker color. If you saturate the color by 10%, you get **12E5DE**, and if you desaturate by 10%, it is **40E5E0**.

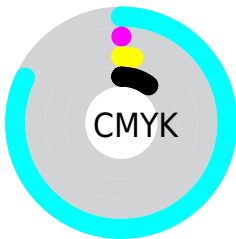
# Distribution



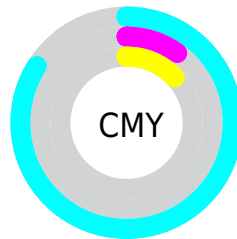
- Red (16%)
- Green (90%)
- Blue (87%)



- Red (16%)
- Yellow (54%)
- Blue (90%)



- Cyan (82%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (84%)
- Magenta (10%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29E5DF 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 29E5DF by changing the saturation by 10% instead.



 29E5DF

 29E5DF


FFFFFF

 00C9C3

 7BFFFF

 00ADA8

 9DFFFF

 00928E

 BDFFFF

 007774

 DCFFFF

 005E5C

 FCFFFF

 004544

 002E2E

 00131A

 000000

■ 29E5DF

■ 29E5DF

■ 12E5DE

■ 40E5E0

■ 00E5DE

■ 57E5E0

■ 6EE5E1

■ 85E5E2

■ 9BE5E3

■ B2E5E3

■ C9E5E4

■ E0E5E5

■ F7E5E6

# Harmonies

## Analogous

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



72E3B3



29E5DF



00E2FF

# Triad

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



29E5DF



EABDFF



FFC37D

# Complementary

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



29E5DF



E5292F

# 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.



FFB597



29E5DF



FFB0E9

# Square

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



29E5DF



ACCCFF



FFADBE



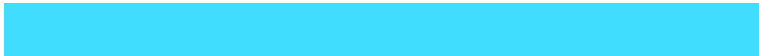
D9D179

# Rectangle

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



29E5DF



40DDFF



FFADBE



FFBE84

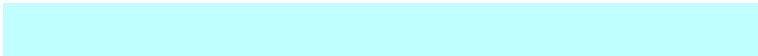


# Sweetspot

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



29E5DF



BFFFFD



2FE529



59807E



000000

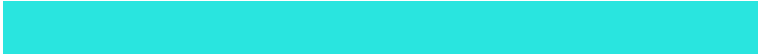


808080



# Same Dimension

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



29E5DF



03FFF7



298DE5



677372



00B3AD



003331



# Inverse Universe

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



E5292F



FF030B



E58129



736768



B30006

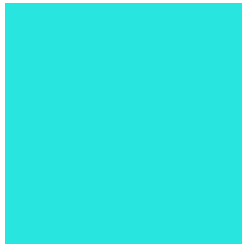


330002



# Previews

## White Background



This preview shows how the Hex color 29E5DF looks on a white background.

## Color Contrast Check

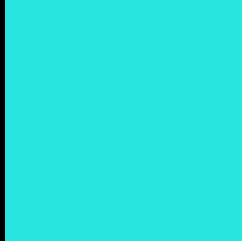
Large Text (above 18pt) WCAG AA × Fail

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 29E5DF 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 29E5DF Background



This preview shows how black text looks on a background with the Hex color 29E5DF.

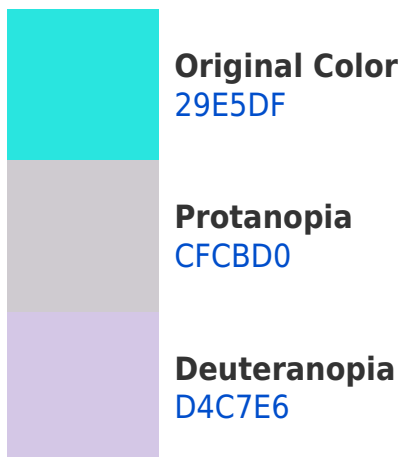


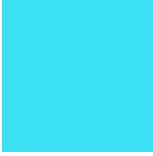
This preview shows how white text looks on a background with the Hex color 29E5DF.

# 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**  
3CE2F4

# Trichromacy



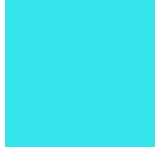
**Original Color**  
29E5DF



**Protanomaly**  
93D4D5



**Deuteranomaly**  
96D2E3

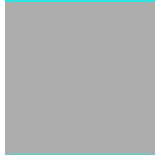


**Tritanomaly**  
35E3EC

# Monochromacy



**Original Color**  
29E5DF



**Achromatopsia**  
ACACAC



**Achromatomaly**  
7CC1BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29E5DF 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 #29E5DF looks like.

```
.text, #text, p{  
    color:#29E5DF  
}
```

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 #29E5DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29E5DF
}
```

## Border

The CSS property to change the border of an element to Hex 29E5DF 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
#29E5DF }
```

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

```
.border{ border-color:#29E5DF }
```

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

Here you see how a box with a 4 pixel #29E5DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29E5DF; -webkit-box-shadow:4px 4px  
4px 4px #29E5DF; box-shadow:4px 4px 4px  
4px #29E5DF }
```

# Background

The CSS property to change the background color of an element to Hex 29E5DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29E5DF }
```

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

```
.background{ background-color:#29E5DF }
```

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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