

Converting Colors

Hex(29D5EF)

Have a look what the booklet for
Hex(29D5EF) contains.

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Color

Hex(29D5EF)

Conversions

Conversions Part 1

Format	Color
Hex	29D5EF
RGB	41, 213, 239
RGB Percent	16%, 84%, 94%
CMY	0.8392, 0.1647, 0.0627
CMYK	0.83, 0.11, 0.00, 0.06
HSL	188°, 86%, 55%
HSV	188°, 83%, 94%
XYZ	40.2887, 54.2919, 90.0173
YIQ	164.5360, -110.8580, -28.3780

Conversions

Conversions Part 2

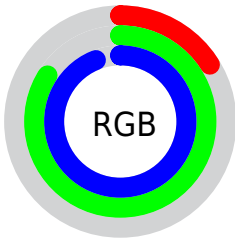
Format	Color
R_{YB}	41, 133, 239
Decimal	2741743
CIE _{Lab}	78.63, -32.30, -24.55
CIE _{LCh}	79, 40.573, 217.237
Yxy	54.2919, 0.2183, 0.2941
Android (android.graphics.Color)	4280931823 (0xFF29D5EF)
YUV	164.5360, 36.7108, -108.3411
Hunter-Lab	73.6830, -31.3444, -20.8554

Details

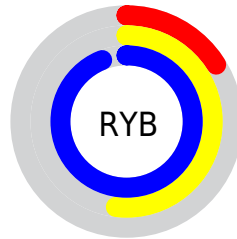
The Hex color **29D5EF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF4329**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7BFFFF**, and **009EB7** is the 20% darker color. If you saturate the color by 10%, you get **11D2EF**, and if you desaturate by 10%, it is **41D8EF**.

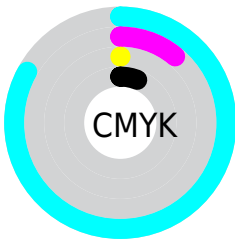
Distribution



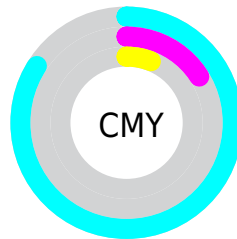
- Red (16%)
- Green (84%)
- Blue (94%)



- 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 29D5EF 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 29D5EF by changing the saturation by 10% instead.

 29D5EF

 29D5EF

FFFFFF

 00B9D3

 7BFFFF

 009EB7

 9CFFFF

 00839C

 BCFFFF

 006A82

 DCFFFF

 005169

 FCFFFF

 003951

 002539

 000224

 00000C

■ 29D5EF

■ 29D5EF

■ 11D2EF

■ 41D8EF

■ 00D0EF

■ 59DBEF

■ 71DEEF

■ 89E2EF

■ A0E5EF

■ B8E8EF

■ D0EBEF

■ E8EEEF

■ FFF1EF

Harmonies

Analogous

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



49D7CB



29D5EF



5BCEFF

Triad

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



29D5EF



FAAAE1



D3C377

Complementary

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



29D5EF



EF4329

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.



F4B67E



29D5EF



FFA5BB

Square

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



29D5EF



D3B5FF



FFAB97



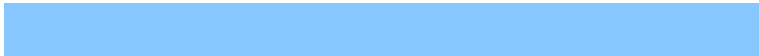
AACE85

Rectangle

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



29D5EF



86C7FF



FFAB97



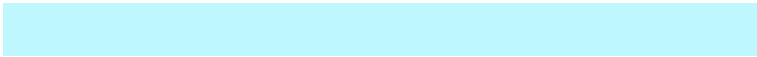
DFBF77

Sweetspot

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



29D5EF



BFF7FF



29EF40



597A80



000000



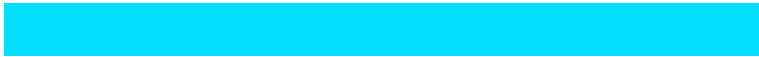
808080

Same Dimension

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



29D5EF



03DEFF



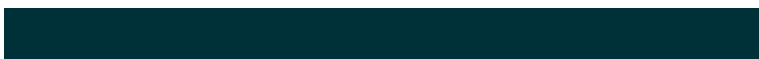
2975EF



6C7678



009FB8



003138

Inverse Universe

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



EF29D5



FF03DE



EFA329



786C76



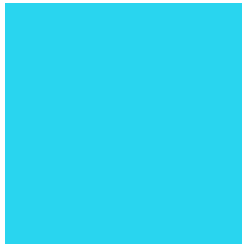
B8009F



380031

Previews

White Background



This preview shows how the Hex color 29D5EF looks on a white background.

Color Contrast Check

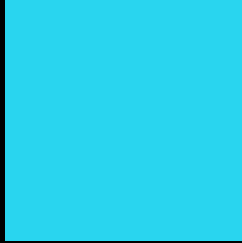
Large Text (above 18pt) WCAG AA × Fail

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 29D5EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

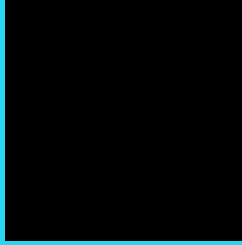
Any Text WCAG AA ✓ Pass

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 29D5EF Background



This preview shows how black text looks on a background with the Hex color 29D5EF.

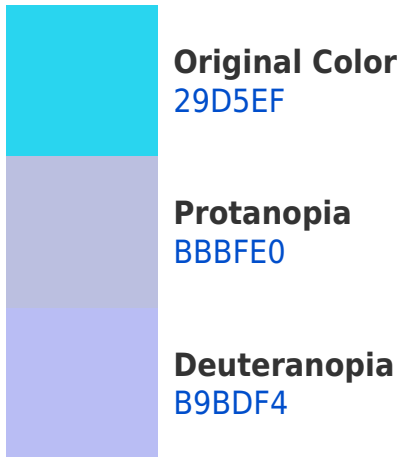


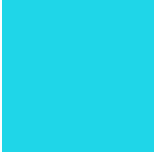
This preview shows how white text looks on a background with the Hex color 29D5EF.

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](#).

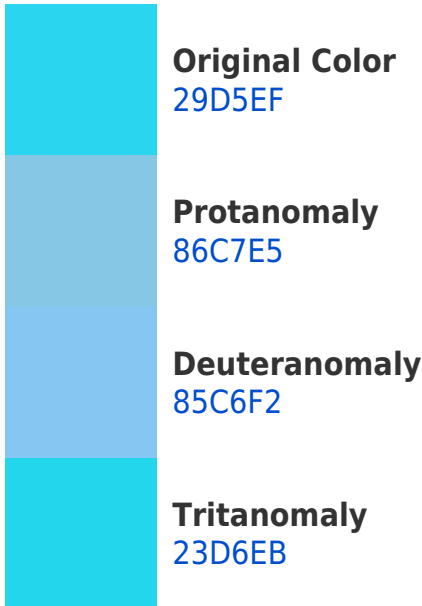
Dichromacy





Tritanopia
1FD6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29D5EF 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 #29D5EF looks like.

```
.text, #text, p{  
    color:#29D5EF  
}
```

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 #29D5EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D5EF
}
```

Border

The CSS property to change the border of an element to Hex 29D5EF 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
#29D5EF }
```

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

```
.border{ border-color:#29D5EF }
```

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

Here you see how a box with a 4 pixel #29D5EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D5EF; -webkit-box-shadow:4px 4px  
4px 4px #29D5EF; box-shadow:4px 4px 4px  
4px #29D5EF }
```

Background

The CSS property to change the background color of an element to Hex 29D5EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D5EF }
```

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

```
.background{ background-color:#29D5EF }
```

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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