

Converting Colors

Hex(29C4F6)

Have a look what the booklet for
Hex(29C4F6) contains.

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Color

Hex(29C4F6)

Conversions

Conversions Part 1

Format	Color
Hex	29C4F6
RGB	41, 196, 246
RGB Percent	16%, 77%, 96%
CMY	0.8392, 0.2314, 0.0353
CMYK	0.83, 0.20, 0.00, 0.04
HSL	195°, 92%, 56%
HSV	195°, 83%, 96%
XYZ	37.2889, 46.6051, 94.2191
YIQ	155.3550, -108.4300, -17.3100

Conversions

Conversions Part 2

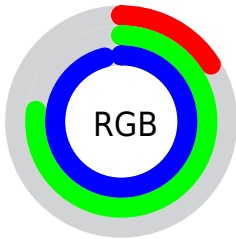
Format	Color
R _Y B	41, 129, 246
Decimal	2737398
CIE Lab	73.94, -21.63, -35.52
CIE LCh	74, 41.588, 238.666
Yxy	46.6051, 0.2094, 0.2617
Android (android.graphics.Color)	4280927478 (0xFF29C4F6)
YUV	155.3550, 44.6880, -100.2893
Hunter-Lab	68.2679, -21.9696, -34.0408

Details

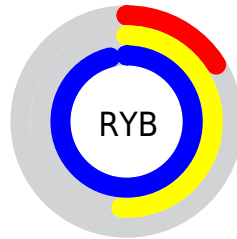
The Hex color **29C4F6** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F65B29**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7BFDFF**, and **008EBD** is the 20% darker color. If you saturate the color by 10%, you get **10BEF6**, and if you desaturate by 10%, it is **42CAF6**.

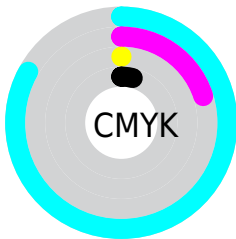
Distribution



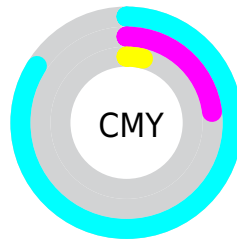
- Red (16%)
- Green (77%)
- Blue (96%)



- Red (16%)
- Yellow (51%)
- Blue (96%)



- Cyan (83%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (84%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29C4F6 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 29C4F6 by changing the saturation by 10% instead.

 29C4F6

 29C4F6

FFFFFF

 00A9D9

 7BFDF6

 008EBD

 9CFFFF

 0074A2

 BBFFFF

 005C88

 DBFFFF

 00446E

 FBFFFF

 002E56

 001A3E

 000328

 000111

■ 29C4F6

■ 29C4F6

■ 10BEF6

■ 42CAF6

■ 00BAF6

■ 5AD0F6

■ 73D6F6

■ 8BDCF6

■ A4E2F6

■ BDE8F6

■ D5EEF6

■ EE4F6

■ FFFAF6

Harmonies

Analogous

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



00C9D9



29C4F6



79BAFF

Triad

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



29C4F6



FC98B9



A9BE71

Complementary

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



29C4F6



F6B29

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.



D0B369



29C4F6



FF9B93

Square

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



29C4F6



E49FDE



EEA576



7BC68D

Rectangle

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



29C4F6



A4B1FE



EEA576



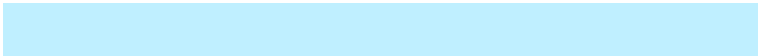
B7BB6C

Sweetspot

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



29C4F6



BFEFFF



29F659



597680



000000



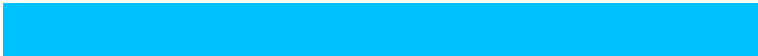
808080

Same Dimension

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



29C4F6



00C1FF



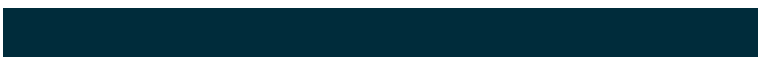
2960F6



6E777A



008DBA



002C3B

Inverse Universe

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



F629C4



FF00C1



F6BF29



7A6E77



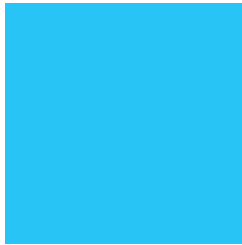
BA008D



3B002C

Previews

White Background



This preview shows how the Hex color 29C4F6 looks on a white background.

Color Contrast Check

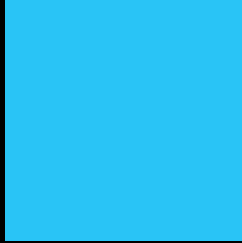
Large Text (above 18pt) WCAG AA × Fail

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 29C4F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

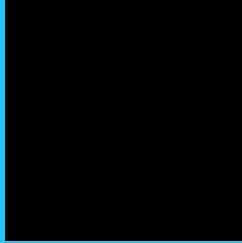
Any Text WCAG AA ✓ Pass

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 29C4F6 Background



This preview shows how black text looks on a background with the Hex color 29C4F6.

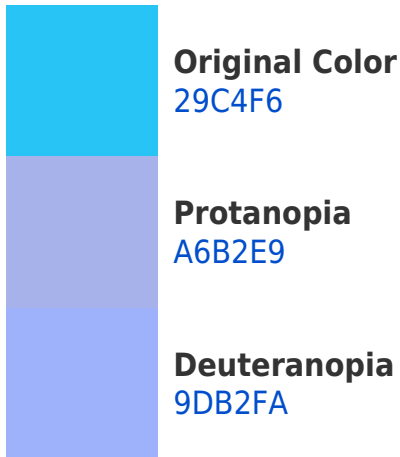


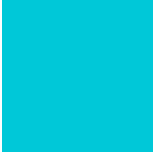
This preview shows how white text looks on a background with the Hex color 29C4F6.

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](#).

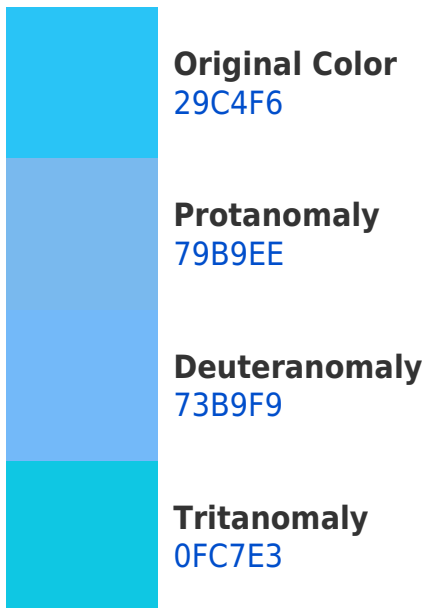
Dichromacy



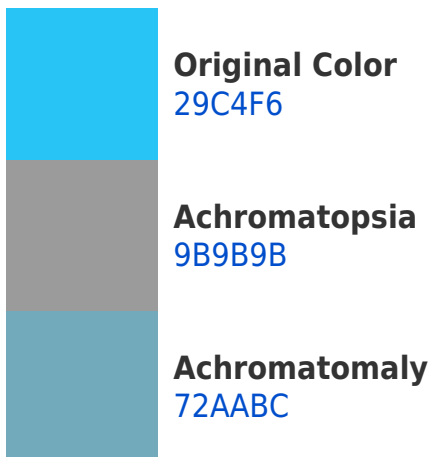


Tritanopia
00C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29C4F6 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 #29C4F6 looks like.

```
.text, #text, p{  
    color:#29C4F6  
}
```

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 #29C4F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C4F6
}
```

Border

The CSS property to change the border of an element to Hex 29C4F6 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
#29C4F6 }
```

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

```
.border{ border-color:#29C4F6 }
```

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

Here you see how a box with a 4 pixel #29C4F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C4F6; -webkit-box-shadow:4px 4px  
4px 4px #29C4F6; box-shadow:4px 4px 4px  
4px #29C4F6 }
```

Background

The CSS property to change the background color of an element to Hex 29C4F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C4F6 }
```

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

```
.background{ background-color:#29C4F6 }
```

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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