

Converting Colors

Hex(29DCF4)

Have a look what the booklet for
Hex(29DCF4) contains.

Hex(29DCF4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(29DCF4)

Conversions

Conversions Part 1

Format	Color
Hex	29DCF4
RGB	41, 220, 244
RGB Percent	16%, 86%, 96%
CMY	0.8392, 0.1373, 0.0431
CMYK	0.83, 0.10, 0.00, 0.04
HSL	187°, 90%, 56%
HSV	187°, 83%, 96%
XYZ	42.8368, 58.1895, 94.5619
YIQ	169.2150, -114.3880, -30.4840

Conversions

Conversions Part 2

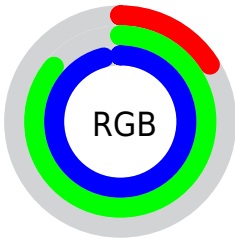
Format	Color
R _Y B	41, 136, 244
Decimal	2743540
CIE Lab	80.84, -34.08, -23.84
CIE LCh	81, 41.593, 214.978
Yxy	58.1895, 0.2190, 0.2975
Android (android.graphics.Color)	4280933620 (0xFF29DCF4)
YUV	169.2150, 36.8690, -112.4446
Hunter-Lab	76.2820, -33.2554, -20.1006

Details

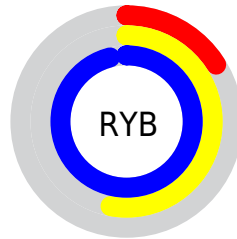
The Hex color **29DCF4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F44129**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7DFFFF**, and **00A4BC** is the 20% darker color. If you saturate the color by 10%, you get **11D9F4**, and if you desaturate by 10%, it is **41DFF4**.

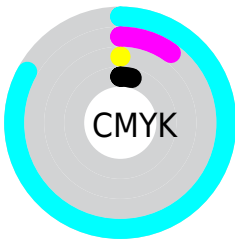
Distribution



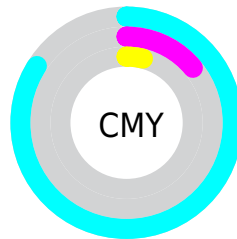
- Red (16%)
- Green (86%)
- Blue (96%)



- Red (16%)
- Yellow (53%)
- Blue (96%)



- Cyan (83%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (84%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29DCF4 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 29DCF4 by changing the saturation by 10% instead.

 29DCF4

 29DCF4

FFFFFF

 00C0D8

 7DFFFF

 00A4BC

 9EFFFF

 008AA1

 BEFFFF

 007086

 DEFFFF

 00576D

FEFFFF

 003F55


 00293D

 000928

 000112

 29DCF4

 29DCF4

 11D9F4

 41DFF4

 00D7F4

 5AE2F4

 72E5F4

 8BE8F4

 A3EAF4

 BBEDF4

 D4F0F4

 ECF3F4

 FFF6F4

Harmonies

Analogous

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



4FDECE



29DCF4



59D6FF

Triad

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



29DCF4



FFB0EA



DCC87A

Complementary

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



29DCF4



F44129

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.



FE8B83



29DCF4



FFAAC4

Square

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



29DCF4



D6BCFF



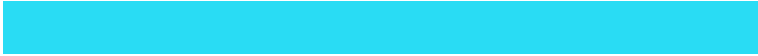
FFAF9E



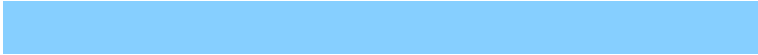
B3D488

Rectangle

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



29DCF4



86CFFF



FFAF9E



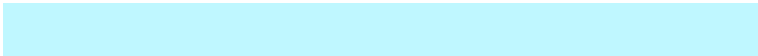
E8C47B

Sweetspot

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



29DCF4



BFF7FF



29F441



597B80



000000



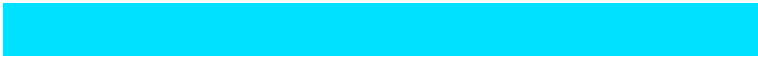
808080

Same Dimension

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



29DCF4



00E1FF



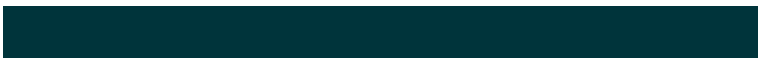
2977F4



6E797A



00A4BA



00343B

Inverse Universe

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



F429DC



FF00E1



F4A629



7A6E79



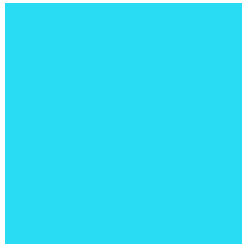
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 29DCF4 looks on a white background.

Color Contrast Check

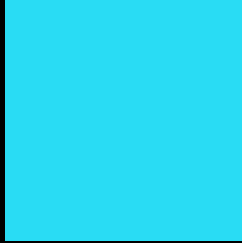
Large Text (above 18pt) WCAG AA × Fail

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 29DCF4 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 29DCF4 Background



This preview shows how black text looks on a background with the Hex color 29DCF4.

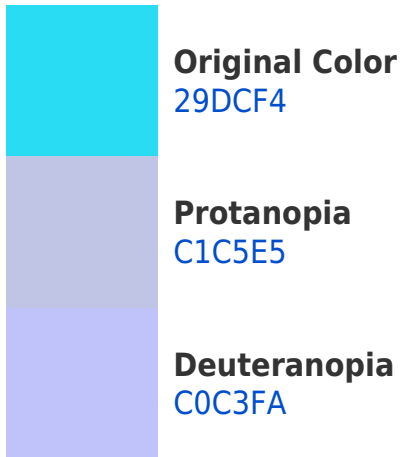


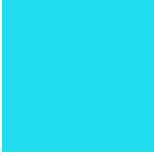
This preview shows how white text looks on a background with the Hex color 29DCF4.

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
22DDEF

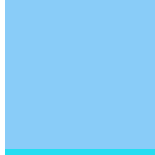
Trichromacy



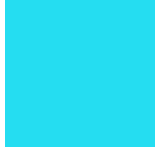
Original Color
29DCF4



Protanomaly
8ACDEA



Deuteranomaly
89CCF8

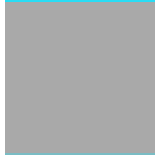


Tritanomaly
25DDF1

Monochromacy



Original Color
29DCF4



Achromatopsia
A9A9A9



Achromatomaly
7ABCC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 29DCF4 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 #29DCF4 looks like.

```
.text, #text, p{  
    color:#29DCF4  
}
```

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 #29DCF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29DCF4  
}
```

Border

The CSS property to change the border of an element to Hex 29DCF4 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  
#29DCF4 }
```

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

```
.border{ border-color:#29DCF4 }
```

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

Here you see how a box with a 4 pixel #29DCF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29DCF4; -webkit-box-shadow:4px 4px  
4px 4px #29DCF4; box-shadow:4px 4px 4px  
4px #29DCF4 }
```

Background

The CSS property to change the background color of an element to Hex 29DCF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29DCF4 }
```

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

```
.background{ background-color:#29DCF4 }
```

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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