

Converting Colors

Hex(29BFB6)

Have a look what the booklet for
Hex(29BFB6) contains.

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Color

Hex(29BFB6)

Conversions

Conversions Part 1

Format	Color
Hex	29BFB6
RGB	41, 191, 182
RGB Percent	16%, 75%, 71%
CMY	0.8392, 0.2510, 0.2863
CMYK	0.79, 0.00, 0.05, 0.25
HSL	176°, 65%, 45%
HSV	176°, 79%, 75%
XYZ	27.9888, 41.1104, 50.7159
YIQ	145.1240, -86.5110, -34.5990

Conversions

Conversions Part 2

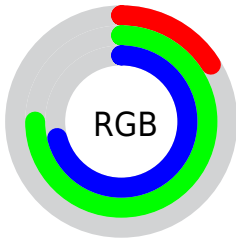
Format	Color
RYB	41, 118, 191
Decimal	2736054
CIELab	70.25, -39.13, -6.32
CIELCh	70, 39.640, 189.175
Yxy	41.1104, 0.2336, 0.3431
Android (android.graphics.Color)	4280926134 (0xFF29BFB6)
YUV	145.1240, 18.1799, -91.3167
Hunter-Lab	64.1174, -34.2860, -2.0153

Details

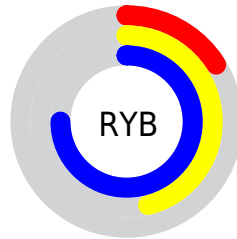
The Hex color **29BFB6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF2932**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **72F8EE**, and **008981** is the 20% darker color. If you saturate the color by 10%, you get **16BFB5**, and if you desaturate by 10%, it is **3CBFB7**.

Distribution



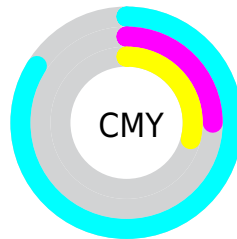
- Red (16%)
- Green (75%)
- Blue (71%)



- Red (16%)
- Yellow (46%)
- Blue (75%)



- Cyan (79%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (84%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29BFB6 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 29BFB6 by changing the saturation by 10% instead.

 29BFB6

 29BFB6

FFFFFF

 00A49B

 72F8EE

 008981

 91FFFF

 006F68

 AFFFFFF

 005650


 CEFFFF

 003D39

 ECFFFF

 002824

 00020F

 000000

 29BFB6

 29BFB6

■ 16BFB5

■ 3CBFB7

■ 03BFB4

■ 4FBFB8

■ 00BFB4

■ 62BFB9

■ 75BFBB

■ 89BFBC

■ 9CBFBD

■ AFBFBE

■ C2BFBF

■ D5BFC0

Harmonies

Analogous

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



64BD91



29BFB6



00BDD8

Triad

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



29BFB6



BE9EE4



D8A169

Complementary

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



29BFB6



BF2932

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.



ED9580



29BFB6



E293C6

Square

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



29BFB6



89ACF3



F18FA2



B8AD63

Rectangle

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



29BFB6



2BB9E9



F18FA2



E19D6F

Sweetspot

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



29BFB6



BCF7F4



33BF29



597D7B



FCFCFC



7D7D7D

Same Dimension

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



29BFB6



0FF7E9



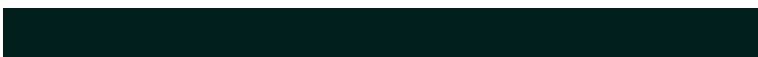
297EBF



555E5E



009E95



001F1D

Inverse Universe

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



BF2932



F70F1D



BF6A29



5E5555



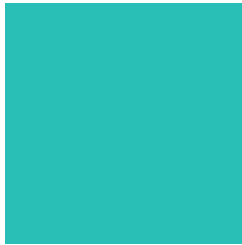
9E0009



1F0002

Previews

White Background



This preview shows how the Hex color 29BFB6 looks on a white background.

Color Contrast Check

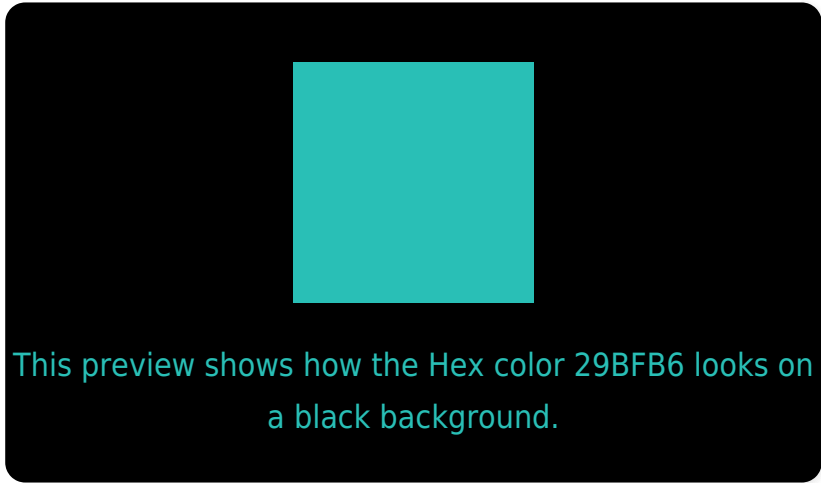
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

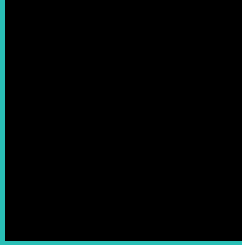
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

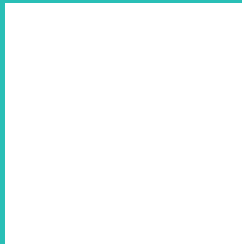
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 29BFB6 Background



This preview shows how black text looks on a background with the Hex color 29BFB6.

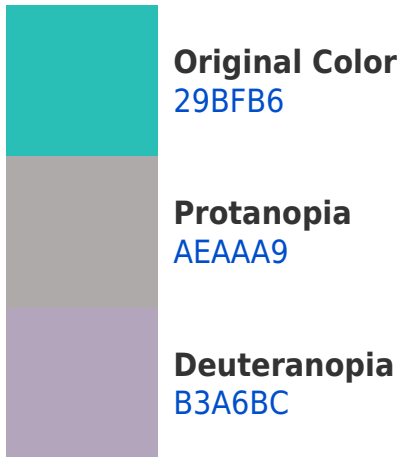


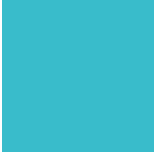
This preview shows how white text looks on a background with the Hex color 29BFB6.

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
39BCCB

Trichromacy



Original Color
29BFB6



Protanomaly
7EB2AE



Deuteranomaly
81AFBA



Tritanomaly
33BDC3

Monochromacy



Original Color
29BFB6



Achromatopsia
919191



Achromatomaly
6BA29E

CSS Examples

Text

The CSS property to change the color of the text to Hex 29BFB6 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 #29BFB6 looks like.

```
.text, #text, p{  
    color:#29BFB6  
}
```

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 #29BFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29BFB6  
}
```

Border

The CSS property to change the border of an element to Hex 29BFB6 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  
#29BFB6 }
```

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

```
.border{ border-color:#29BFB6 }
```

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

Here you see how a box with a 4 pixel #29BFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29BFB6; -webkit-box-shadow:4px 4px  
4px 4px #29BFB6; box-shadow:4px 4px 4px  
4px #29BFB6 }
```

Background

The CSS property to change the background color of an element to Hex 29BFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29BFB6 }
```

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

```
.background{ background-color:#29BFB6 }
```

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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