

Converting Colors

Hex(2FBED4)

Have a look what the booklet for
Hex(2FBED4) contains.

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Color

Hex(2FBED4)

Conversions

Conversions Part 1

Format	Color
Hex	2FBED4
RGB	47, 190, 212
RGB Percent	18%, 75%, 83%
CMY	0.8157, 0.2549, 0.1686
CMYK	0.78, 0.10, 0.00, 0.17
HSL	188°, 66%, 51%
HSV	188°, 78%, 83%
XYZ	31.4694, 42.1847, 68.7712
YIQ	149.7510, -92.2900, -23.4740

Conversions

Conversions Part 2

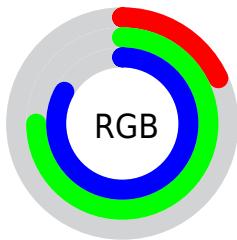
Format	Color
R _Y B	47, 124, 212
Decimal	3129044
CIE Lab	71.00, -29.09, -21.60
CIE LCh	71, 36.233, 216.597
Yxy	42.1847, 0.2210, 0.2962
Android (android.graphics.Color)	4281319124 (0xFF2FBED4)
YUV	149.7510, 30.6888, -90.1126
Hunter-Lab	64.9498, -27.1754, -17.3136

Details

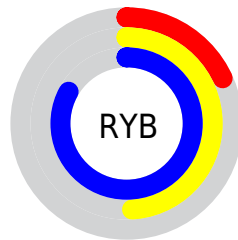
The Hex color **2FBED4** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **D4452F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **78F7FF**, and **00889D** is the 20% darker color. If you saturate the color by 10%, you get **1ABBD4**, and if you desaturate by 10%, it is **44C1D4**.

Distribution



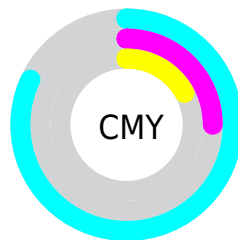
- Red (18%)
- Green (75%)
- Blue (83%)



- Red (18%)
- Yellow (49%)
- Blue (83%)



- Cyan (78%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (82%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FBED4 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 2FBED4 by changing the saturation by 10% instead.

 2FBED4

 2FBED4

FFFFFF

 00A3B8

 78F7FF

 00889D

 97FFFF

 006E83

 B6FFFF

 00566A

 D5FFFF

 003E52

 F4FFFF

 00283B

 000925

 00010E

 000000

■ 2FBED4

■ 2FBED4

■ 1ABBD4

■ 44C1D4

■ 05B8D4

■ 59C4D4

■ 00B8D4

■ 6FC6D4

■ 84C9D4

■ 99CCD4

■ AECFD4

■ C3D2D4

■ D9D5D4

■ EED7D4

Harmonies

Analogous

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



47C0B4



2FBED4



54B8EA

Triad

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



2FBED4



DD98C9



BDAE6C

Complementary

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



2FBED4



D4452F

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.



DAA372



2FBED4



EE94A8

Square

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



2FBED4



BBA3E3



EB9988



99B778

Rectangle

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



2FBED4



79B2EF



EB9988



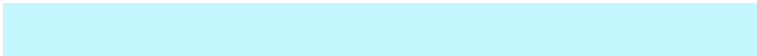
C7AA6C

Sweetspot

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



2FBED4



C4F7FF



2FD445



5C7B80



000000



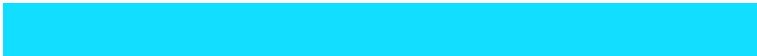
808080

Same Dimension

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



2FBED4



12DFFF



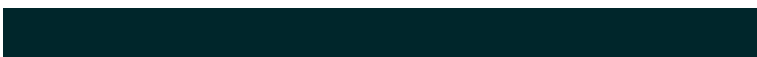
2F6CD4



606A6B



0094AB



00262B

Inverse Universe

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



D42FBE



FF12DF



D4982F



6B606A



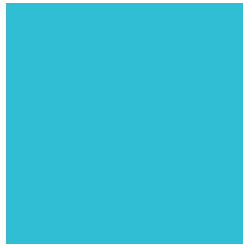
AB0094



2B0026

Previews

White Background



This preview shows how the Hex color 2FBED4 looks on a white background.

Color Contrast Check

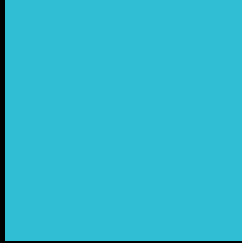
Large Text (above 18pt) WCAG AA × Fail

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 2FBED4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

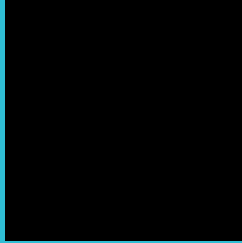
Any Text WCAG AA ✓ Pass

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 2FBED4 Background



This preview shows how black text looks on a background with the Hex color 2FBED4.

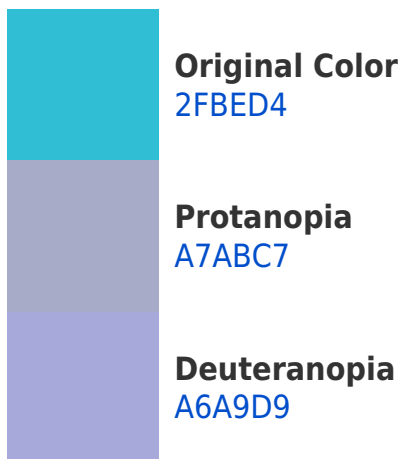


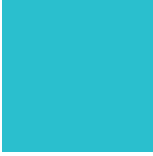
This preview shows how white text looks on a background with the Hex color 2FBED4.

Color Blindness Simulation

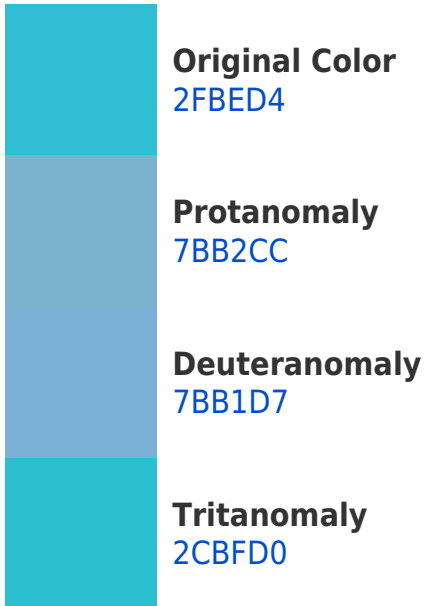
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

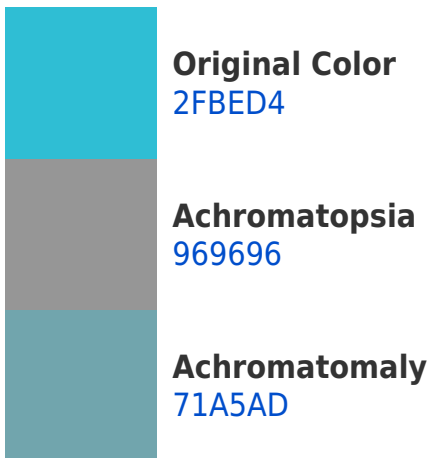




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FBED4 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 #2FBED4 looks like.

```
.text, #text, p{  
    color:#2FBED4  
}
```

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 #2FBED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FBED4
}
```

Border

The CSS property to change the border of an element to Hex 2FBED4 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
#2FBED4 }
```

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

```
.border{ border-color:#2FBED4 }
```

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

Here you see how a box with a 4 pixel #2FBED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FBED4; -webkit-box-shadow:4px 4px  
4px 4px #2FBED4; box-shadow:4px 4px 4px  
4px #2FBED4 }
```

Background

The CSS property to change the background color of an element to Hex 2FBED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FBED4 }
```

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

```
.background{ background-color:#2FBED4 }
```

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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