

Converting Colors

Hex(2FB5E0)

Have a look what the booklet for
Hex(2FB5E0) contains.

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Color

Hex(2FB5E0)

Conversions

Conversions Part 1

Format	Color
Hex	2FB5E0
RGB	47, 181, 224
RGB Percent	18%, 71%, 88%
CMY	0.8157, 0.2902, 0.1216
CMYK	0.79, 0.19, 0.00, 0.12
HSL	195°, 74%, 53%
HSV	195°, 79%, 88%
XYZ	31.1507, 39.0339, 76.4135
YIQ	145.8360, -93.6670, -15.0350

Conversions

Conversions Part 2

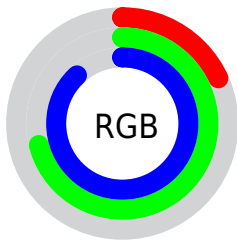
Format	Color
R _{YB}	47, 123, 224
Decimal	3126752
CIE _{Lab}	68.78, -20.68, -31.57
CIE _{LCh}	69, 37.739, 236.768
Yxy	39.0339, 0.2125, 0.2663
Android (android.graphics.Color)	4281316832 (0xFF2FB5E0)
YUV	145.8360, 38.5349, -86.6792
Hunter-Lab	62.4771, -20.3359, -28.7815

Details

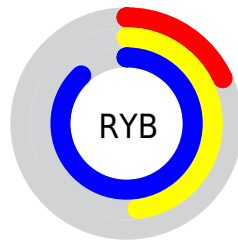
The Hex color **2FB5E0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E05A2F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **79EDFF**, and **0080A9** is the 20% darker color. If you saturate the color by 10%, you get **19B0E0**, and if you desaturate by 10%, it is **45BAE0**.

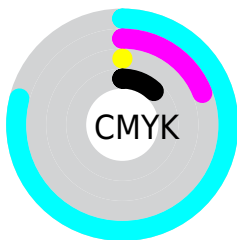
Distribution



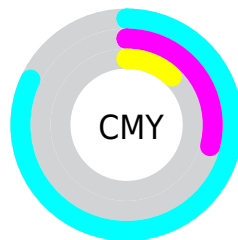
- Red (18%)
- Green (71%)
- Blue (88%)



- Red (18%)
- Yellow (48%)
- Blue (88%)



- Cyan (79%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FB5E0 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 2FB5E0 by changing the saturation by 10% instead.

 2FB5E0

 2FB5E0

FFFFFF

 009AC4

 79EDFF

 0080A9

 98FFFF

 00678E

 B7FFFF

 004F74

 D6FFFF

 00385B

 F5FFFF

 002344

 00032D

 000118

 000000

■ 2FB5E0

■ 2FB5E0

■ 19B0E0

■ 45BAE0

■ 02AAE0

■ 5CC0E0

■ 00AAE0

■ 72C5E0

■ 89CBE0

■ 9FD0E0

■ B5D6E0

■ CCDBE0

■ E2E1E0

■ F9E6E0

Harmonies

Analogous

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



0FB9C5



2FB5E0



6FACEB

Triad

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



2FB5E0



E68DAD



9FAF6A

Complementary

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



2FB5E0



E05A2F

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.



C2A463



2FB5E0



EA8F8B

Square

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



2FB5E0



CF94CE



DC9970



76B681

Rectangle

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



2FB5E0



95A5E9



DC9970



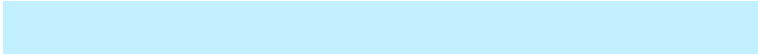
ABAC65

Sweetspot

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



2FB5E0



C2F0FF



2FE058



5B7780



000000



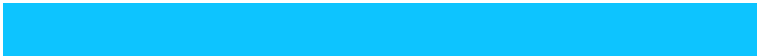
808080

Same Dimension

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



2FB5E0



0DC4FF



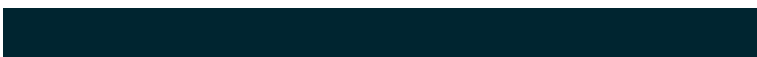
2F5EE0



656D70



0085B0



002530

Inverse Universe

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



E02FB5



FF0DC4



E0B12F



70656D



B00085



300025

Previews

White Background



This preview shows how the Hex color 2FB5E0 looks on a white background.

Color Contrast Check

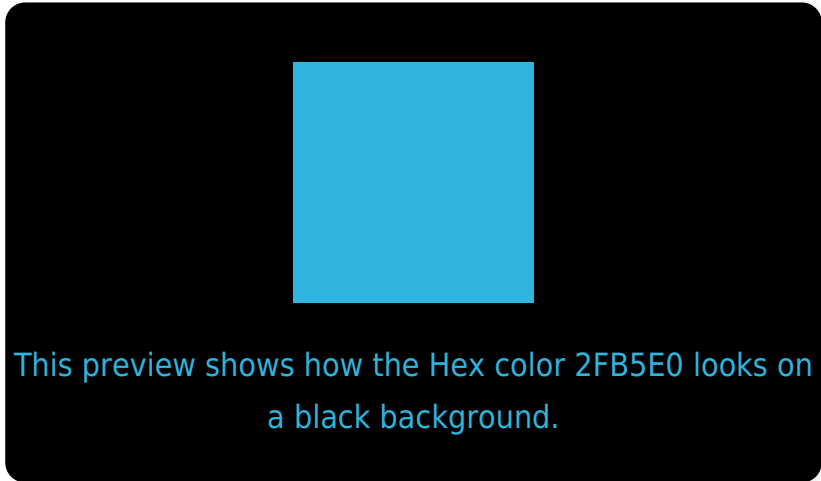
Large Text (above 18pt) WCAG AA × Fail

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 2FB5E0 Background



This preview shows how black text looks on a background with the Hex color 2FB5E0.

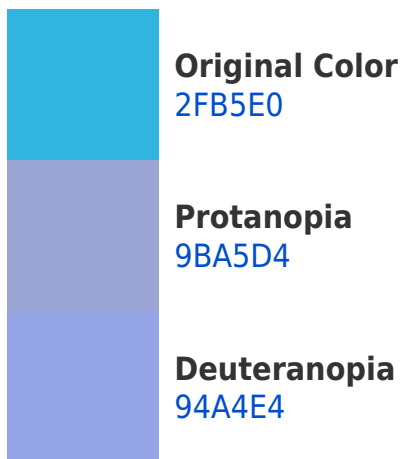


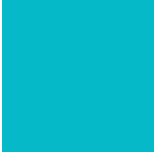
This preview shows how white text looks on a background with the Hex color 2FB5E0.

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](#).

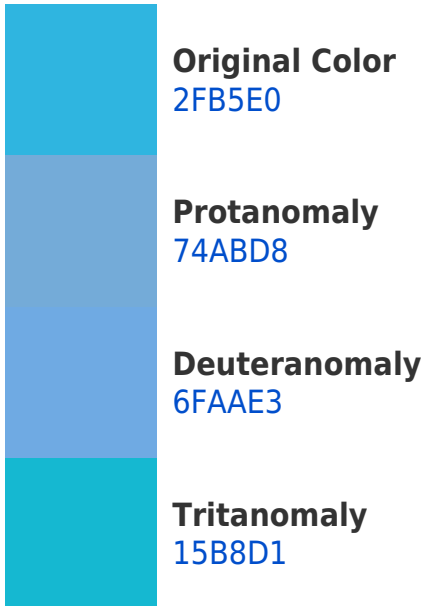
Dichromacy





Tritanopia
06B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FB5E0 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 #2FB5E0 looks like.

```
.text, #text, p{  
    color:#2FB5E0  
}
```

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 #2FB5E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FB5E0
}
```

Border

The CSS property to change the border of an element to Hex 2FB5E0 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
#2FB5E0 }
```

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

```
.border{ border-color:#2FB5E0 }
```

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

Here you see how a box with a 4 pixel #2FB5E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FB5E0; -webkit-box-shadow:4px 4px  
4px 4px #2FB5E0; box-shadow:4px 4px 4px  
4px #2FB5E0 }
```

Background

The CSS property to change the background color of an element to Hex 2FB5E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FB5E0 }
```

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

```
.background{ background-color:#2FB5E0 }
```

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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