

Converting Colors

Hex(2FA4B6)

Have a look what the booklet for
Hex(2FA4B6) contains.

Hex(2FA4B6)	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(2FA4B6)

Conversions

Conversions Part 1

Format	Color
Hex	2FA4B6
RGB	47, 164, 182
RGB Percent	18%, 64%, 71%
CMY	0.8157, 0.3569, 0.2863
CMYK	0.74, 0.10, 0.00, 0.29
HSL	188°, 59%, 45%
HSV	188°, 74%, 71%
XYZ	22.8912, 30.5327, 48.9429
YIQ	131.0690, -75.5100, -19.2060

Conversions

Conversions Part 2

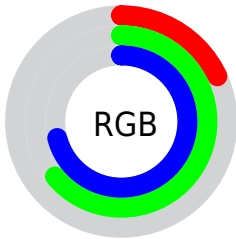
Format	Color
RYB	47, 110, 182
Decimal	3122358
CIELab	62.11, -25.60, -18.53
CIELCh	62, 31.603, 215.899
Yxy	30.5327, 0.2236, 0.2983
Android (android.graphics.Color)	4281312438 (0xFF2FA4B6)
YUV	131.0690, 25.1090, -73.7285
Hunter-Lab	55.2564, -22.7508, -13.8362

Details

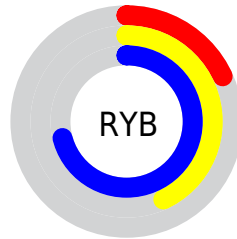
The Hex color **2FA4B6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B6412F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **71DBEE**, and **007081** is the 20% darker color. If you saturate the color by 10%, you get **1DA2B6**, and if you desaturate by 10%, it is **41A6B6**.

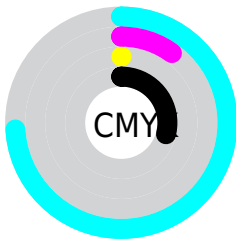
Distribution



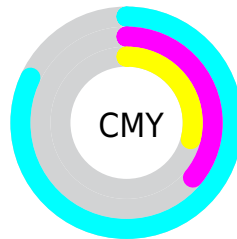
- Red (18%)
- Green (64%)
- Blue (71%)



- Red (18%)
- Yellow (43%)
- Blue (71%)



- Cyan (74%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (82%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FA4B6 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 2FA4B6 by changing the saturation by 10% instead.



2FA4B6



2FA4B6

FFFFFF



00899B



71DBEE



007081



8FF8FF



005768



ADFFFF



003F50



CBFFFF



002939



E9FFFF



001024



00000C



000000



2FA4B6



2FA4B6

■ 1DA2B6

■ 41A6B6

■ 0B9FB6

■ 53A9B6

■ 009EB6

■ 66ABB6

■ 78AEB6

■ 8AB0B6

■ 9CB3B6

■ AEB5B6

■ C1B7B6

■ D3BAB6

Harmonies

Analogous

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



41A59B



2FA4B6



4B9FC9

Triad

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



2FA4B6



BE84AE



A4965E

Complementary

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



2FA4B6



B6412F

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.



BC8D64



2FA4B6



CC8192

Square

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



2FA4B6



A18DC4



CB8477



859E68

Rectangle

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



2FA4B6



699ACE



CB8477



AD935E

Sweetspot

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



2FA4B6



B9E6ED



2FB641



597478



F7F7F7



787878

Same Dimension

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



2FA4B6



1AD1ED



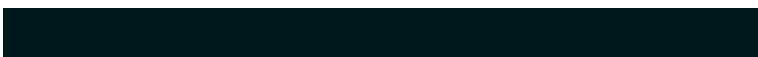
2F61B6



535B5C



00879C



00181C

Inverse Universe

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



B62FA4



ED1AD1



B6852F



5C535B



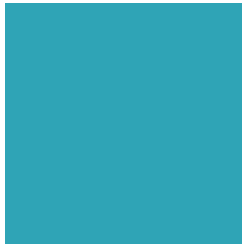
9C0087



1C0018

Previews

White Background



This preview shows how the Hex color 2FA4B6 looks on a white background.

Color Contrast Check

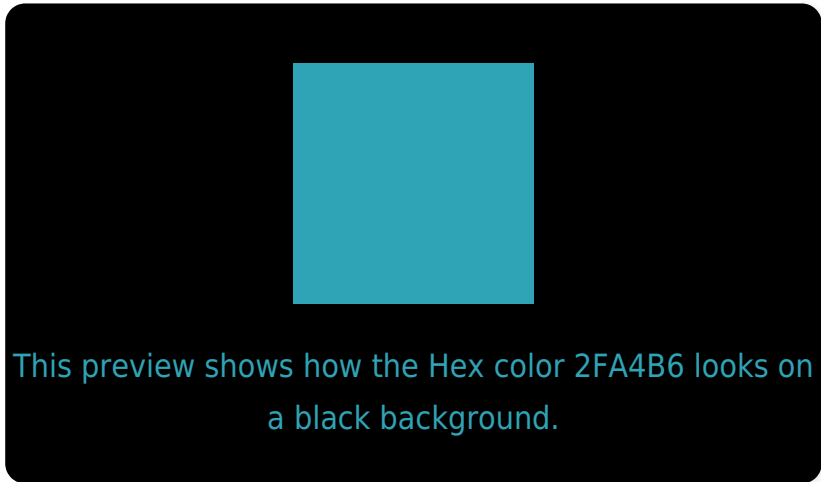
Large Text (above 18pt) WCAG AA × Fail

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

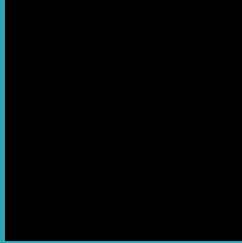
Any Text WCAG AA ✓ Pass

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 2FA4B6 Background



This preview shows how black text looks on a background with the Hex color 2FA4B6.

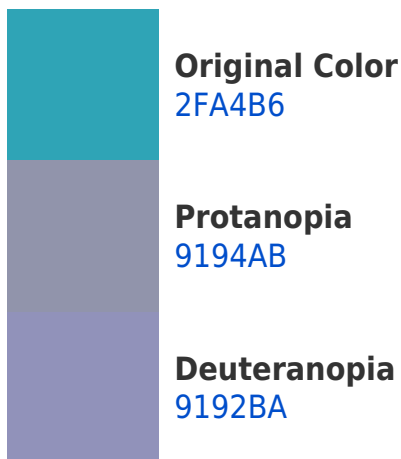


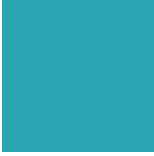
This preview shows how white text looks on a background with the Hex color 2FA4B6.

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

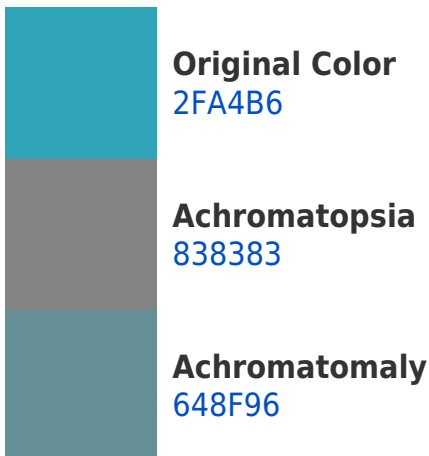




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FA4B6 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 #2FA4B6 looks like.

```
.text, #text, p{  
    color:#2FA4B6  
}
```

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 #2FA4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FA4B6
}
```

Border

The CSS property to change the border of an element to Hex 2FA4B6 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
#2FA4B6 }
```

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

```
.border{ border-color:#2FA4B6 }
```

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

Here you see how a box with a 4 pixel #2FA4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FA4B6; -webkit-box-shadow:4px 4px  
4px 4px #2FA4B6; box-shadow:4px 4px 4px  
4px #2FA4B6 }
```

Background

The CSS property to change the background color of an element to Hex 2FA4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FA4B6 }
```

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

```
.background{ background-color:#2FA4B6 }
```

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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