

# Converting Colors

Hex(2FA2E0)

Have a look what the booklet for  
Hex(2FA2E0) contains.

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# **Color**

**Hex(2FA2E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2FA2E0
RGB	47, 162, 224
RGB Percent	18%, 64%, 88%
CMY	0.8157, 0.3647, 0.1216
CMYK	0.79, 0.28, 0.00, 0.12
HSL	201°, 74%, 53%
HSV	201°, 79%, 88%
XYZ	27.5472, 31.8268, 75.2123
YIQ	134.6830, -88.4420, -5.0980

# Conversions

## Conversions Part 2

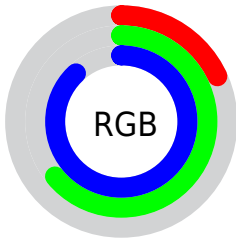
Format	Color
<a href="#">RYB</a>	47, 117, 224
Decimal	3121888
CIELab	63.20, -10.49, -40.25
CIELCh	63, 41.589, 255.394
Yxy	31.8268, 0.2047, 0.2365
Android (android.graphics.Color)	4281311968 (0xFF2FA2E0)
YUV	134.6830, 44.0333, -76.8980
Hunter-Lab	56.4153, -11.5664, -39.5542

# Details

The Hex color **2FA2E0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E06D2F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **78D9FF**, and **006FA8** is the 20% darker color. If you saturate the color by 10%, you get **199AE0**, and if you desaturate by 10%, it is **45AAE0**.

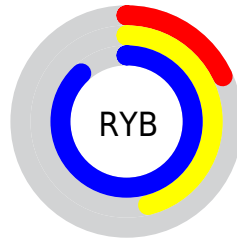
# Distribution



Red (18%)

Green (64%)

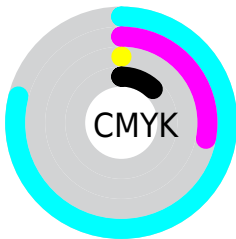
Blue (88%)



Red (18%)

Yellow (46%)

Blue (88%)

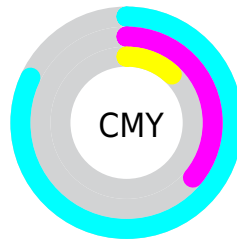


Cyan (79%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (82%)

Magenta (36%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FA2E0 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 2FA2E0 by changing the saturation by 10% instead.



 2FA2E0

 2FA2E0

FFFFFF

 0088C4

 78D9FF

 006FA8

 97F5FF

 00568E

 B6FFFF

 003F74


 D4FFFF

 002A5B

 F3FFFF

 001643

 00032C

 000117

 000000

■ 2FA2E0

■ 2FA2E0

■ 199AE0

■ 45AAE0

■ 0292E0

■ 5CB2E0

■ 0092E0

■ 72BAE0

■ 89C1E0

■ 9FC9E0

■ B5D1E0

■ CCD9E0

■ E2E1E0

■ F9E9E0

# Harmonies

## Analogous

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



00A9CD



2FA2E0



8096E0

# Triad

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



2FA2E0



E07B87



74A663

# Complementary

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



2FA2E0



E06D2F

# 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.



9D9D50



2FA2E0



D78466

# Square

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



2FA2E0



D57DAD



BF9151



3EAB85

# Rectangle

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



2FA2E0



A58DD5



BF9151



82A35B

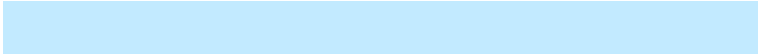


# Sweetspot

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



2FA2E0



C2EAFF



2FE06D



5B7380



000000



808080



# Same Dimension

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



2FA2E0



0DAAFF



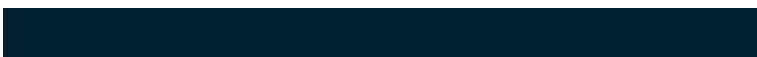
2F4AE0



656C70



0072B0



001F30



# Inverse Universe

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



E02FA2



FF0DAA



E0C52F



70656C



B00072

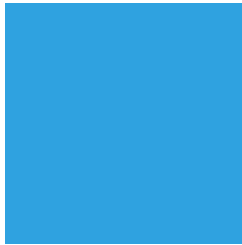


30001F



# Previews

## White Background



This preview shows how the Hex color 2FA2E0 looks on a white background.

## Color Contrast Check

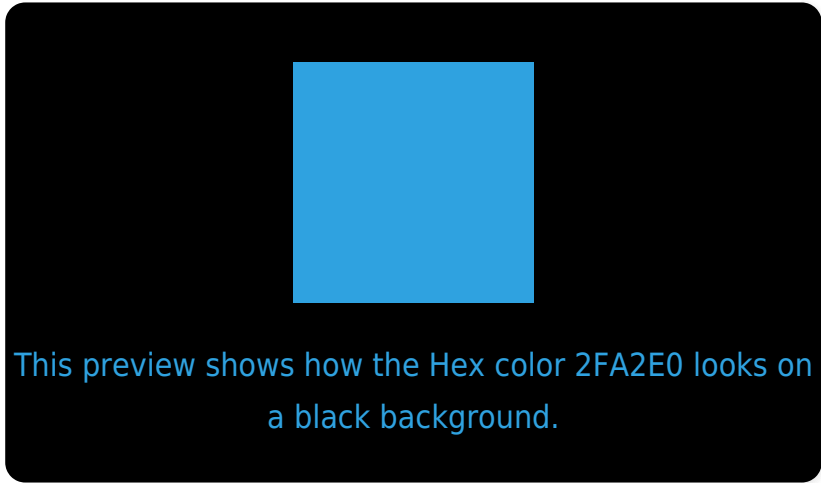
Large Text (above 18pt) WCAG AA × Fail

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

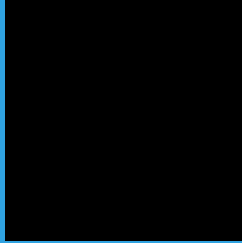
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

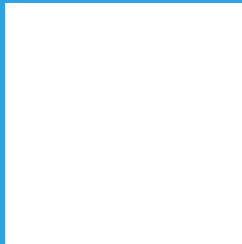
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2FA2E0 Background



This preview shows how black text looks on a background with the Hex color 2FA2E0.

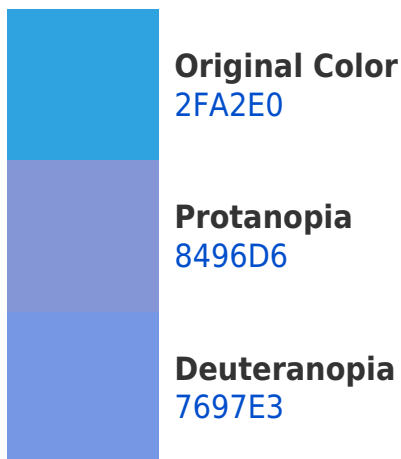


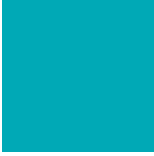
This preview shows how white text looks on a background with the Hex color 2FA2E0.

# 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](#).

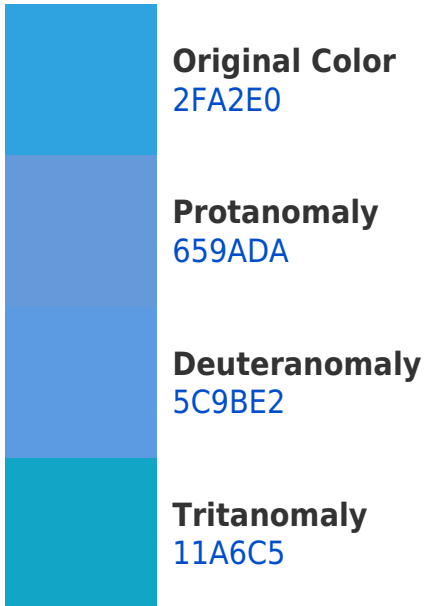
## Dichromacy



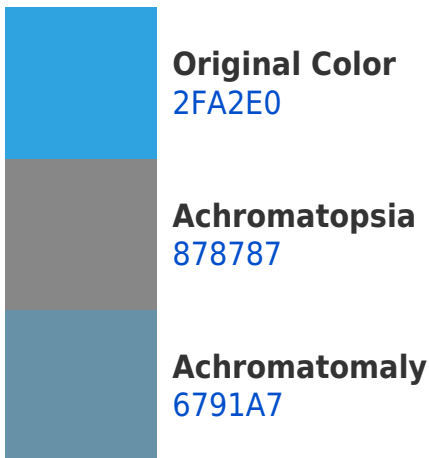


**Tritanopia**  
00A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FA2E0 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 #2FA2E0 looks like.

```
.text, #text, p{  
    color:#2FA2E0  
}
```

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 #2FA2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FA2E0
}
```

## Border

The CSS property to change the border of an element to Hex 2FA2E0 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
#2FA2E0 }
```

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

```
.border{ border-color:#2FA2E0 }
```

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

Here you see how a box with a 4 pixel #2FA2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FA2E0; -webkit-box-shadow:4px 4px  
4px 4px #2FA2E0; box-shadow:4px 4px 4px  
4px #2FA2E0 }
```

# Background

The CSS property to change the background color of an element to Hex 2FA2E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FA2E0 }
```

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

```
.background{ background-color:#2FA2E0 }
```

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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