

# Converting Colors

Hex(2EA0B5)

Have a look what the booklet for  
Hex(2EA0B5) contains.

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# Color

Hex(2EA0B5)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA0B5
RGB	46, 160, 181
RGB Percent	18%, 63%, 71%
CMY	0.8196, 0.3725, 0.2902
CMYK	0.75, 0.12, 0.00, 0.29
HSL	189°, 59%, 45%
HSV	189°, 75%, 71%
XYZ	22.0380, 29.0586, 48.1634
YIQ	128.3080, -74.6850, -17.6370

# Conversions

## Conversions Part 2

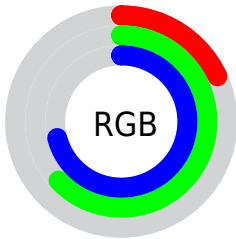
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 108, 181
Decimal	3055797
CIE <sub>Lab</sub>	60.83, -24.01, -19.92
CIE <sub>LCh</sub>	61, 31.192, 219.680
Yxy	29.0586, 0.2220, 0.2928
Android (android.graphics.Color)	4281245877 (0xFF2EA0B5)
YUV	128.3080, 25.9772, -72.1841
Hunter-Lab	53.9061, -21.3608, -15.2395

# Details

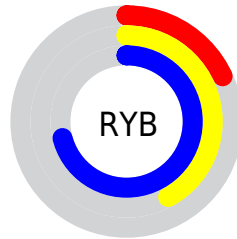
The Hex color **2EA0B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B5432E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **70D7ED**, and **006C80** is the 20% darker color. If you saturate the color by 10%, you get **1C9DB5**, and if you desaturate by 10%, it is **40A3B5**.

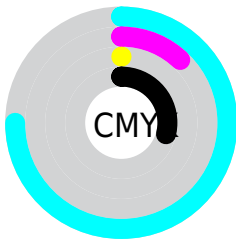
# Distribution



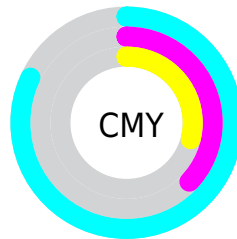
- Red (18%)
- Green (63%)
- Blue (71%)



- Red (18%)
- Yellow (42%)
- Blue (71%)



- Cyan (75%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (82%)
- Magenta (37%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EA0B5 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 2EA0B5 by changing the saturation by 10% instead.





2EA0B5



2EA0B5

FFFFFF



00869A



70D7ED



006C80



8EF4FF



005467



ACFFFF



003C4F



CAFFFF



002638



E8FFFF



000823



00000A



000000



2EA0B5



2EA0B5

■ 1C9DB5

■ 40A3B5

■ 0A9AB5

■ 52A6B5

■ 0099B5

■ 64A8B5

■ 76ABB5

■ 89AEB5

■ 9BB1B5

■ ADB4B5

■ BFB7B5

■ D1B9B5

# Harmonies

## Analogous

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



3BA29B



2EA0B5



4E9BC6

# Triad

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



2EA0B5



BD80A7



9D945C

# Complementary

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



2EA0B5



B5432E

# 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.



B58B60



2EA0B5



C97E8B

# Square

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



2EA0B5



A288BD



C58271



7E9C68

# Rectangle

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



2EA0B5



6C95C9



C58271



A6915B



# Sweetspot

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



2EA0B5



B7E3EB



2EB542



577175



F5F5F5



757575



# Same Dimension

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



2EA0B5



17CAEB



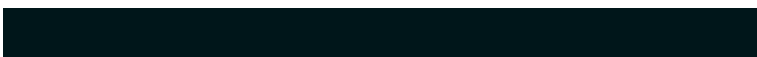
2E5DB5



505859



008199



00161A



# Inverse Universe

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



B52EA0



EB17CA



B5862E



595058



990081



1A0016



# Previews

## White Background



This preview shows how the Hex color 2EA0B5 looks on a white background.

## Color Contrast Check

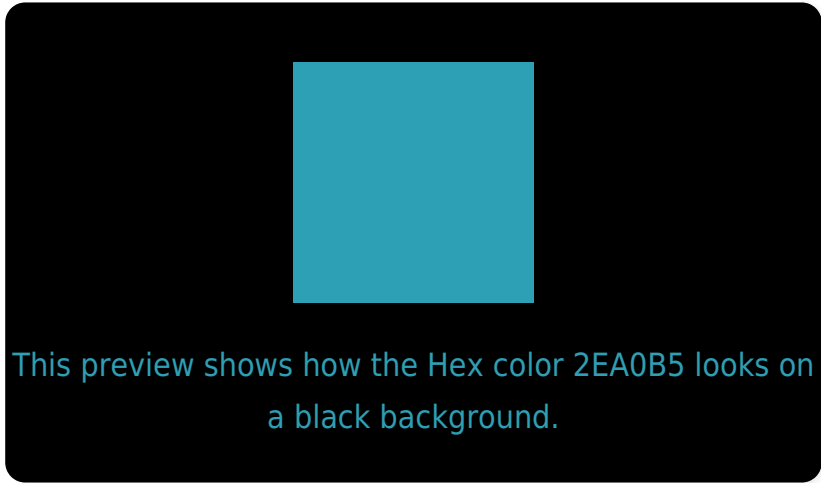
Large Text (above 18pt) WCAG AA ✓ Pass

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

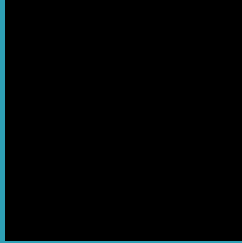
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2EA0B5 Background



This preview shows how black text looks on a background with the Hex color 2EA0B5.

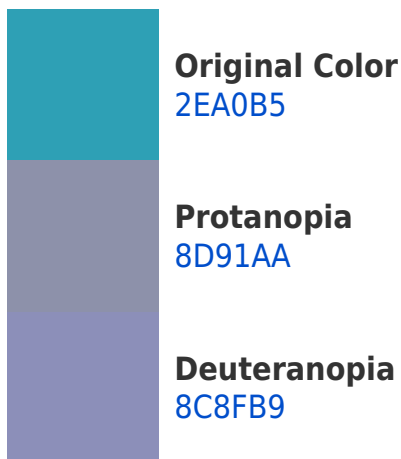


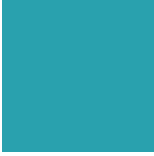
This preview shows how white text looks on a background with the Hex color 2EA0B5.

# 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](#).

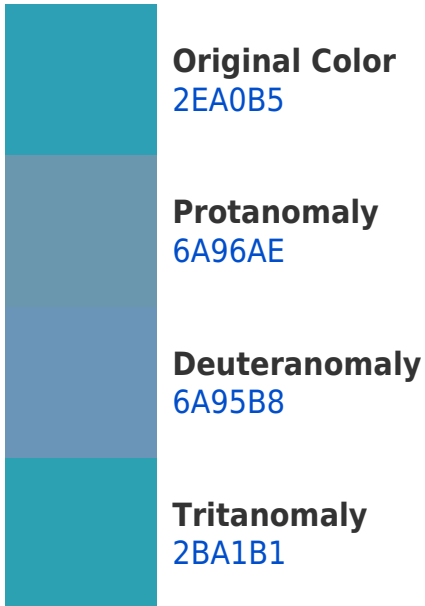
## Dichromacy





**Tritanopia**  
29A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EA0B5 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 #2EA0B5 looks like.

```
.text, #text, p{  
    color:#2EA0B5  
}
```

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 #2EA0B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA0B5
}
```

## Border

The CSS property to change the border of an element to Hex 2EA0B5 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
#2EA0B5 }
```

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

```
.border{ border-color:#2EA0B5 }
```

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

Here you see how a box with a 4 pixel #2EA0B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA0B5; -webkit-box-shadow:4px 4px  
4px 4px #2EA0B5; box-shadow:4px 4px 4px  
4px #2EA0B5 }
```

# Background

The CSS property to change the background color of an element to Hex 2EA0B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA0B5 }
```

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

```
.background{ background-color:#2EA0B5 }
```

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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