

# Converting Colors

Hex(2EA6D1)

Have a look what the booklet for  
Hex(2EA6D1) contains.

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# **Color**

**Hex(2EA6D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA6D1
RGB	46, 166, 209
RGB Percent	18%, 65%, 82%
CMY	0.8196, 0.3490, 0.1804
CMYK	0.78, 0.21, 0.00, 0.18
HSL	196°, 64%, 50%
HSV	196°, 78%, 82%
XYZ	26.2716, 32.4567, 65.2017
YIQ	135.0220, -85.3230, -12.0670

# Conversions

## Conversions Part 2

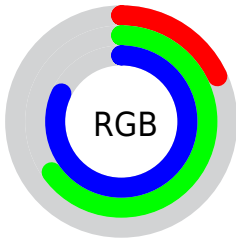
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 115, 209
Decimal	3057361
CIE <sub>Lab</sub>	63.72, -17.91, -31.13
CIE <sub>LCh</sub>	64, 35.917, 240.082
Yxy	32.4567, 0.2120, 0.2619
Android (android.graphics.Color)	4281247441 (0xFF2EA6D1)
YUV	135.0220, 36.4712, -78.0723
Hunter-Lab	56.9708, -17.3853, -27.9764

# Details

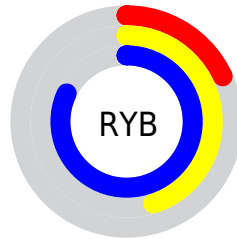
The Hex color **2EA6D1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D1592E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **75DDFF**, and **00729A** is the 20% darker color. If you saturate the color by 10%, you get **19A0D1**, and if you desaturate by 10%, it is **43ACD1**.

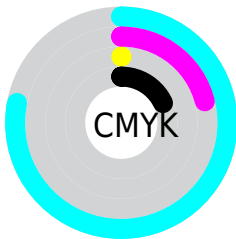
# Distribution



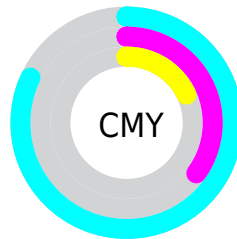
- Red (18%)
- Green (65%)
- Blue (82%)



- Red (18%)
- Yellow (45%)
- Blue (82%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (35%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EA6D1 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 2EA6D1 by changing the saturation by 10% instead.



2EA6D1

2EA6D1

FFFFFF

008CB5

75DDFF

00729A

94FAFF

005980

B2FFFF

004267

D1FFFF

002C4F

EFFFFFF

001838

000222

000007

000000

■ 2EA6D1

■ 2EA6D1

■ 19A0D1

■ 43ACD1

■ 049BD1

■ 58B1D1

■ 009AD1

■ 6DB7D1

■ 82BCD1

■ 97C2D1

■ ABC7D1

■ C0CDD1

■ D5D2D1

■ EAD8D1

# Harmonies

## Analogous

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



00ABB9



2EA6D1



6B9DDA

# Triad

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



2EA6D1



D6819B



8EA262

# Complementary

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



2EA6D1



D1592E

# 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.



AF985A



2EA6D1



D7847C

# Square

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



2EA6D1



C387BB



C98D64



68A879

# Rectangle

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



2EA6D1



8E96D6



C98D64



9A9F5D

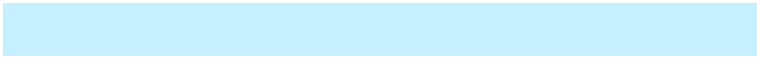


# Sweetspot

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



2EA6D1



C4F0FF



2ED157



5C7680



000000



808080



# Same Dimension

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



2EA6D1



0FC0FF



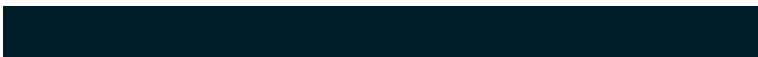
2E57D1



5E6669



007CA8



001E29



# Inverse Universe

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



D12EA6



FF0FC0



D1A82E



695E66



A8007C



29001E



# Previews

## White Background



This preview shows how the Hex color 2EA6D1 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 2EA6D1 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 2EA6D1 Background



This preview shows how black text looks on a background with the Hex color 2EA6D1.



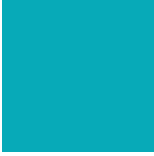
This preview shows how white text looks on a background with the Hex color 2EA6D1.

# 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](#).

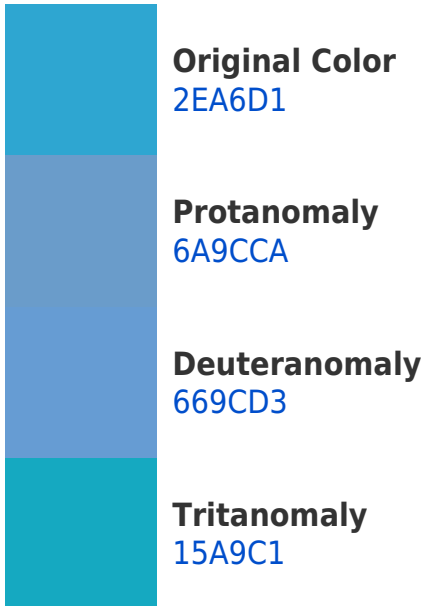
## Dichromacy





**Tritanopia**  
07AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EA6D1 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 #2EA6D1 looks like.

```
.text, #text, p{  
    color:#2EA6D1  
}
```

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 #2EA6D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA6D1
}
```

## Border

The CSS property to change the border of an element to Hex 2EA6D1 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
#2EA6D1 }
```

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

```
.border{ border-color:#2EA6D1 }
```

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

Here you see how a box with a 4 pixel #2EA6D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA6D1; -webkit-box-shadow:4px 4px  
4px 4px #2EA6D1; box-shadow:4px 4px 4px  
4px #2EA6D1 }
```

# Background

The CSS property to change the background color of an element to Hex 2EA6D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA6D1 }
```

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

```
.background{ background-color:#2EA6D1 }
```

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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