

# Converting Colors

Hex(2EAFD1)

Have a look what the booklet for  
Hex(2EAFD1) contains.

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# **Color**

**Hex(2EAFD1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EAFD1
RGB	46, 175, 209
RGB Percent	18%, 69%, 82%
CMY	0.8196, 0.3137, 0.1804
CMYK	0.78, 0.16, 0.00, 0.18
HSL	193°, 64%, 50%
HSV	193°, 78%, 82%
XYZ	27.9653, 35.8442, 65.7663
YIQ	140.3050, -87.7980, -16.7740

# Conversions

## Conversions Part 2

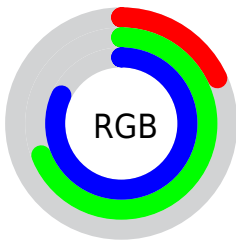
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 118, 209
Decimal	3059665
CIELab	66.40, -22.62, -26.99
CIELCh	66, 35.217, 230.035
Yxy	35.8442, 0.2158, 0.2766
Android (android.graphics.Color)	4281249745 (0xFF2EAFD1)
YUV	140.3050, 33.8666, -82.7055
Hunter-Lab	59.8701, -21.3952, -23.2201

# Details

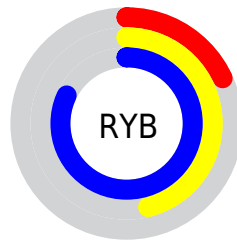
The Hex color **2EAFD1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D1502E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **76E7FF**, and **007A9A** is the 20% darker color. If you saturate the color by 10%, you get **19ABD1**, and if you desaturate by 10%, it is **43B3D1**.

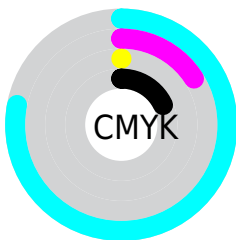
# Distribution



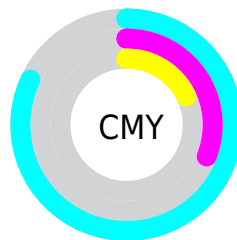
- Red (18%)
- Green (69%)
- Blue (82%)



- Red (18%)
- Yellow (46%)
- Blue (82%)



- Cyan (78%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (31%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EAFD1 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 2EAFD1 by changing the saturation by 10% instead.



■ 2EAFD1

■ 2EAFD1

FFFFFF

■ 0094B5

■ 76E7FF

■ 007A9A

■ 95FFFF

■ 006180

■ B3FFFF

■ 004967

■ D2FFFF

■ 00324F

■ F0FFFF

■ 001F38

■ 000222

■ 000009

■ 000000

■ 2EAFD1

■ 2EAFD1

■ 19ABD1

■ 43B3D1

■ 04A6D1

■ 58B8D1

■ 00A5D1

■ 6DBCD1

■ 82C0D1

■ 97C5D1

■ ABC9D1

■ C0CED1

■ D5D2D1

■ EAD6D1

# Harmonies

## Analogous

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



2BB2B6



2EAFD1



62A8DF

# Triad

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



2EAFD1



D88AAD



A1A665

# Complementary

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



2EAFD1



D1502E

# 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.



C09C63



2EAFD1



E08A8D

# Square

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



2EAFD1



BF92CA



D69172



7DAE78

# Rectangle

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



2EAFD1



86A1DF



D69172



ACA362

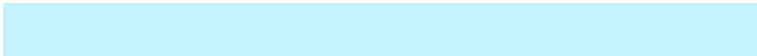


# Sweetspot

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



2EAFD1



C4F3FF



2ED14F



5C7880



000000



808080

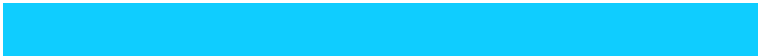


# Same Dimension

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



2EAFD1



0FCDFE



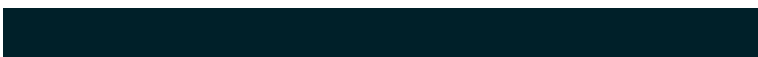
2E5FD1



5E6669



0085A8



002029



# Inverse Universe

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



D12EAF



FF0FCD



D1A02E



695E66



A80085



290020



# Previews

## White Background



This preview shows how the Hex color 2EAFD1 looks on a white background.

## Color Contrast Check

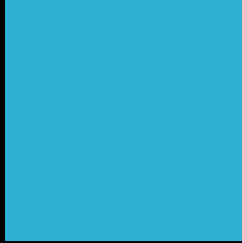
Large Text (above 18pt) WCAG AA × Fail

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 2EAFD1 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 2EAFD1 Background



This preview shows how black text looks on a background with the Hex color 2EAFD1.

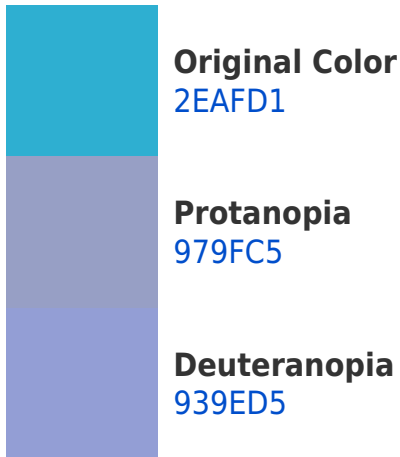


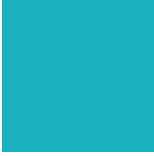
This preview shows how white text looks on a background with the Hex color 2EAFD1.

# 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](#).

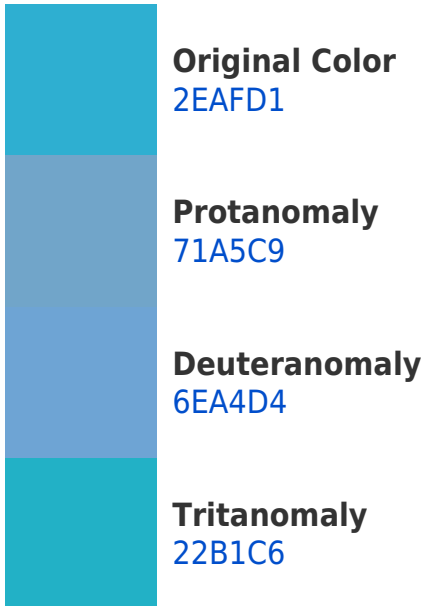
## Dichromacy



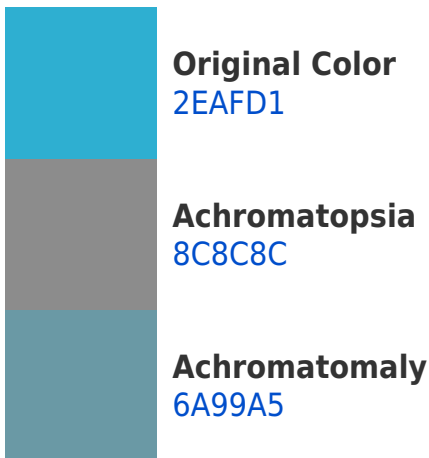


**Tritanopia**  
1BB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EAFD1 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 #2EAFD1 looks like.

```
.text, #text, p{  
    color:#2EAFD1  
}
```

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 #2EAFD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EAFD1
}
```

## Border

The CSS property to change the border of an element to Hex 2EAFD1 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
#2EAFD1 }
```

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

```
.border{ border-color:#2EAFD1 }
```

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

Here you see how a box with a 4 pixel #2EAFD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EAFD1; -webkit-box-shadow:4px 4px  
4px 4px #2EAFD1; box-shadow:4px 4px 4px  
4px #2EAFD1 }
```

# Background

The CSS property to change the background color of an element to Hex 2EAFD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EAFD1 }
```

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

```
.background{ background-color:#2EAFD1 }
```

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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