

# Converting Colors

Hex(2EA3CE)

Have a look what the booklet for  
Hex(2EA3CE) contains.

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# **Color**

**Hex(2EA3CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA3CE
RGB	46, 163, 206
RGB Percent	18%, 64%, 81%
CMY	0.8196, 0.3608, 0.1922
CMYK	0.78, 0.21, 0.00, 0.19
HSL	196°, 63%, 49%
HSV	196°, 78%, 81%
XYZ	25.3645, 31.2315, 63.0839
YIQ	132.9190, -83.5350, -11.4310

# Conversions

## Conversions Part 2

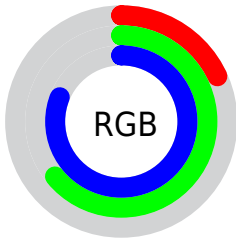
Format	Color
RYP	46, 114, 206
Decimal	3056590
CIELab	62.70, -17.33, -31.04
CIElCh	63, 35.546, 240.827
Yxy	31.2315, 0.2119, 0.2610
Android (android.graphics.Color)	4281246670 (0xFF2EA3CE)
YUV	132.9190, 36.0289, -76.2280
Hunter-Lab	55.8851, -16.7834, -27.8079

# Details

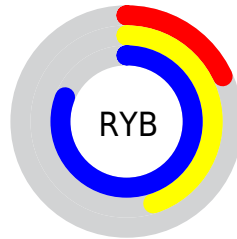
The Hex color **2EA3CE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CE592E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **74DAFF**, and **006F98** is the 20% darker color. If you saturate the color by 10%, you get **199DCE**, and if you desaturate by 10%, it is **43A9CE**.

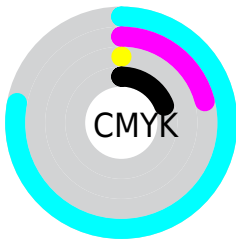
# Distribution



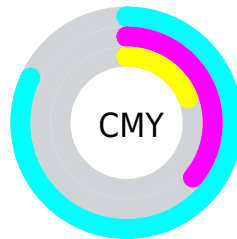
- Red (18%)
- Green (64%)
- Blue (81%)



- Red (18%)
- Yellow (45%)
- Blue (81%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)



- Cyan (82%)
- Magenta (36%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EA3CE 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 2EA3CE by changing the saturation by 10% instead.




 2EA3CE

 2EA3CE

FFFFFF

 0089B2

 74DAFF

 006F98

 93F6FF

 00577D

 B1FFFF

 003F64

 CFFFFFF

 00294C

 EFFFFFF

 001435

 00021F

 000003

 000000

■ 2EA3CE

■ 2EA3CE

■ 199DCE

■ 43A9CE

■ 0598CE

■ 57AECE

■ 0097CE

■ 6CB4CE

■ 80B9CE

■ 95BFCE

■ AAC4CE

■ BECACE

■ D3CFCE

■ E7D5CE

# Harmonies

## Analogous

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



00A8B7



2EA3CE



6A9AD6

# Triad

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



2EA3CE



D37F98



8A9F60

# Complementary

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



2EA3CE



CE592E

# 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.



AB9658



2EA3CE



D48279

# Square

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



2EA3CE



C084B7



C58B61



64A678

# Rectangle

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



2EA3CE



8D93D3



C58B61



969D5C

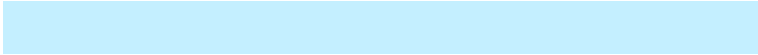


# Sweetspot

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



2EA3CE



C4EFFF



2ECE59



5C7680



000000



808080

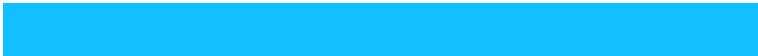


# Same Dimension

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



2EA3CE



12BFFF



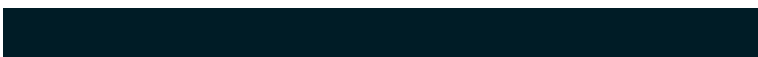
2E53CE



5C6366



0079A6



001C26



# Inverse Universe

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



CE2EA3



FF12BF



CEA92E



665C63



A60079



26001C



# Previews

## White Background



This preview shows how the Hex color 2EA3CE looks on a white background.

## Color Contrast Check

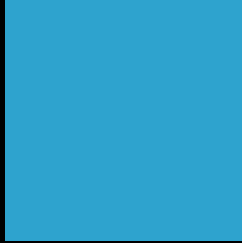
Large Text (above 18pt) WCAG AA × Fail

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 2EA3CE 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 2EA3CE Background



This preview shows how black text looks on a background with the Hex color 2EA3CE.



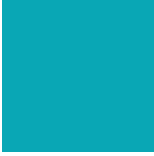
This preview shows how white text looks on a background with the Hex color 2EA3CE.

# 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](#).

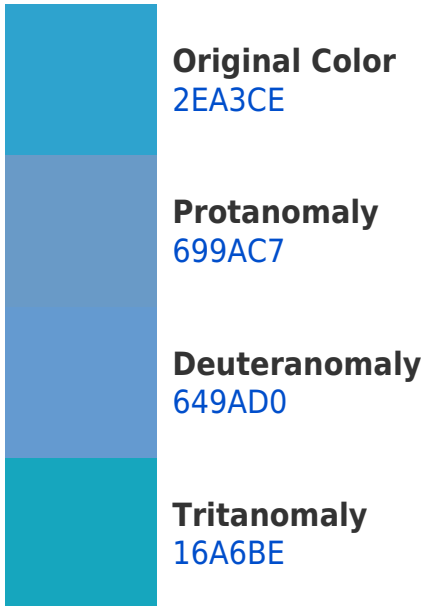
## Dichromacy





**Tritanopia**  
09A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EA3CE 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 #2EA3CE looks like.

```
.text, #text, p{  
    color:#2EA3CE  
}
```

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 #2EA3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA3CE
}
```

## Border

The CSS property to change the border of an element to Hex 2EA3CE 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
#2EA3CE }
```

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

```
.border{ border-color:#2EA3CE }
```

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

Here you see how a box with a 4 pixel #2EA3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA3CE; -webkit-box-shadow:4px 4px  
4px 4px #2EA3CE; box-shadow:4px 4px 4px  
4px #2EA3CE }
```

# Background

The CSS property to change the background color of an element to Hex 2EA3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA3CE }
```

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

```
.background{ background-color:#2EA3CE }
```

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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