

Converting Colors

Hex(2EA6B2)

Have a look what the booklet for
Hex(2EA6B2) contains.

Hex(2EA6B2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2EA6B2)

Conversions

Conversions Part 1

Format	Color
Hex	2EA6B2
RGB	46, 166, 178
RGB Percent	18%, 65%, 70%
CMY	0.8196, 0.3490, 0.3020
CMYK	0.74, 0.07, 0.00, 0.30
HSL	185°, 59%, 44%
HSV	185°, 74%, 70%
XYZ	22.7988, 31.0676, 46.9145
YIQ	131.4880, -75.3720, -21.7080

Conversions

Conversions Part 2

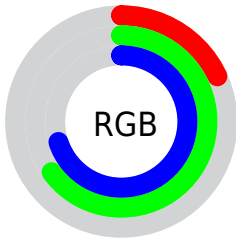
Format	Color
RYB	46, 109, 178
Decimal	3057330
CIELab	62.56, -27.97, -15.60
CIElCh	63, 32.031, 209.150
Yxy	31.0676, 0.2262, 0.3083
Android (android.graphics.Color)	4281247410 (0xFF2EA6B2)
YUV	131.4880, 22.9304, -74.9730
Hunter-Lab	55.7383, -24.5297, -10.8871

Details

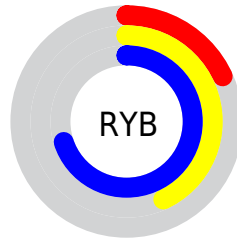
The Hex color **2EA6B2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B23A2E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **71DDEA**, and **00727D** is the 20% darker color. If you saturate the color by 10%, you get **1CA4B2**, and if you desaturate by 10%, it is **40A8B2**.

Distribution



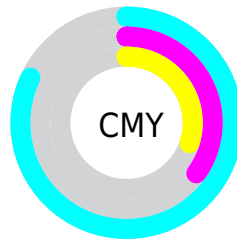
- Red (18%)
- Green (65%)
- Blue (70%)



- Red (18%)
- Yellow (43%)
- Blue (70%)



- Cyan (74%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (82%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EA6B2 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 2EA6B2 by changing the saturation by 10% instead.



2EA6B2



2EA6B2

FFFFFF



008B97



71DDEA



00727D



8FFAFF



005964



ACFFFF



00414C



CAFFFF



002A36



E8FFFF



001221



000007



000000



2EA6B2



2EA6B2

■ 1CA4B2

■ 40A8B2

■ 0AA3B2

■ 52A9B2

■ 00A2B2

■ 63ABB2

■ 75ACB2

■ 87AEB2

■ 99B0B2

■ ABB1B2

■ BCB3B2

■ CEB5B2

Harmonies

Analogous

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



49A795



2EA6B2



41A2C7

Triad

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



2EA6B2



BB87B5



AB955E

Complementary

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



2EA6B2



B23A2E

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.



C28B67



2EA6B2



CC8299

Square

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



2EA6B2



9A90C9



CE847D



8E9E65

Rectangle

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



2EA6B2



5F9DCF



CE847D



B49260

Sweetspot

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



2EA6B2



B5E3E8



2EB239



577375



F5F5F5



757575

Same Dimension

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



2EA6B2



1AD5E8



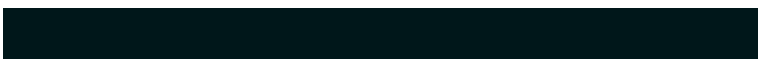
2E65B2



505859



008B99



00171A

Inverse Universe

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



B22EA6



E81AD5



B27B2E



595058



99008B



1A0017

Previews

White Background



This preview shows how the Hex color 2EA6B2 looks on a white background.

Color Contrast Check

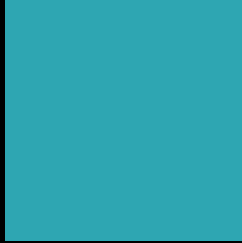
Large Text (above 18pt) WCAG AA × Fail

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 2EA6B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

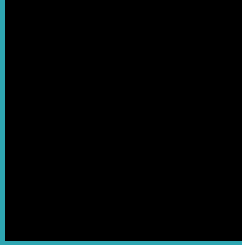
Any Text WCAG AA ✓ Pass

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 2EA6B2 Background



This preview shows how black text looks on a background with the Hex color 2EA6B2.

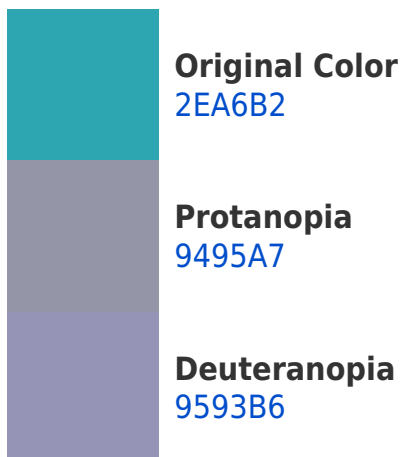


This preview shows how white text looks on a background with the Hex color 2EA6B2.

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](#).

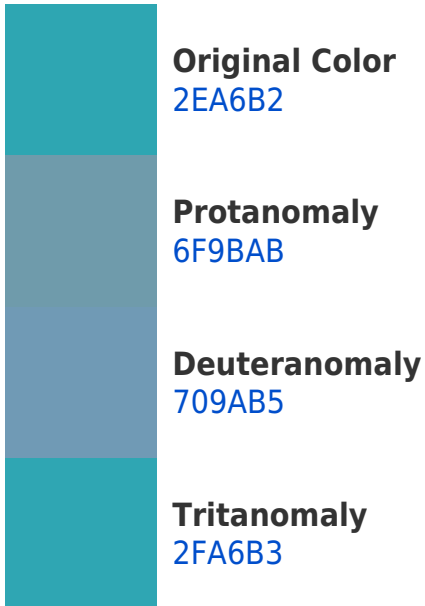
Dichromacy



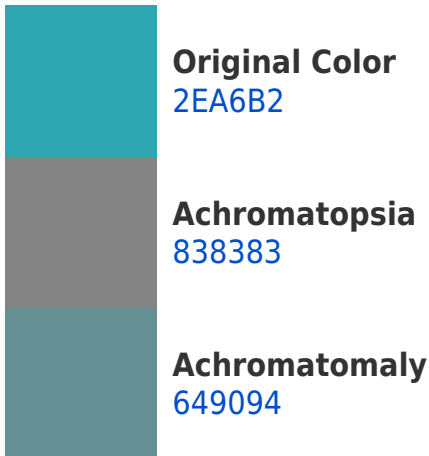


Tritanopia
2FA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EA6B2 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 #2EA6B2 looks like.

```
.text, #text, p{  
    color:#2EA6B2  
}
```

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 #2EA6B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA6B2
}
```

Border

The CSS property to change the border of an element to Hex 2EA6B2 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
#2EA6B2 }
```

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

```
.border{ border-color:#2EA6B2 }
```

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

Here you see how a box with a 4 pixel #2EA6B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA6B2; -webkit-box-shadow:4px 4px  
4px 4px #2EA6B2; box-shadow:4px 4px 4px  
4px #2EA6B2 }
```

Background

The CSS property to change the background color of an element to Hex 2EA6B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA6B2 }
```

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

```
.background{ background-color:#2EA6B2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor