

Converting Colors

Hex(2EA6A4)

Have a look what the booklet for
Hex(2EA6A4) contains.

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Color

Hex(2EA6A4)

Conversions

Conversions Part 1

Format	Color
Hex	2EA6A4
RGB	46, 166, 164
RGB Percent	18%, 65%, 64%
CMY	0.8196, 0.3490, 0.3569
CMYK	0.72, 0.00, 0.01, 0.35
HSL	179°, 57%, 42%
HSV	179°, 72%, 65%
XYZ	21.4638, 30.5336, 39.8843
YIQ	129.8920, -70.8780, -26.0620

Conversions

Conversions Part 2

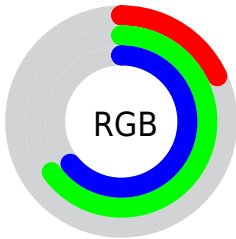
Format	Color
RYB	46, 107, 166
Decimal	3057316
CIELab	62.11, -32.21, -8.43
CIELCh	62, 33.293, 194.660
Yxy	30.5336, 0.2336, 0.3323
Android (android.graphics.Color)	4281247396 (0xFF2EA6A4)
YUV	129.8920, 16.8152, -73.5733
Hunter-Lab	55.2572, -27.3647, -4.1150

Details

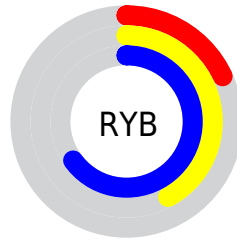
The Hex color **2EA6A4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A62E30**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6FDEDDB**, and **007170** is the 20% darker color. If you saturate the color by 10%, you get **1DA6A4**, and if you desaturate by 10%, it is **3FA6A4**.

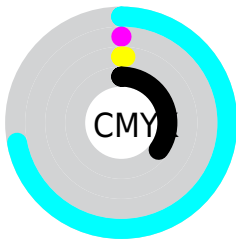
Distribution



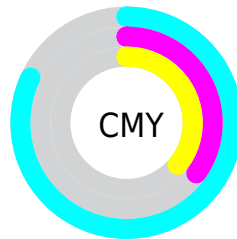
- Red (18%)
- Green (65%)
- Blue (64%)



- Red (18%)
- Yellow (42%)
- Blue (65%)



- Cyan (72%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EA6A4 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 2EA6A4 by changing the saturation by 10% instead.



2EA6A4



2EA6A4

FFFFFF



008B8A



6FDEDB



007170



8DFAF7



005858



AAFFFF



004041



C8FFFF



002A2B



E6FFFF



000F17



000000



2EA6A4



2EA6A4



1DA6A4



3FA6A4

0DA6A3

4FA6A5

00A6A3

60A6A5

70A6A5

81A6A5

92A6A6

A2A6A6

B3A6A6

C3A6A6

Harmonies

Analogous

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



55A586



2EA6A4



25A4BF

Triad

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



2EA6A4



AC89C0



B78F5D

Complementary

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



2EA6A4



A62E30

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.



CA856E



2EA6A4



C681A7

Square

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



2EA6A4



8394CF



D08089



9B995C

Rectangle

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



2EA6A4



41A0CB



D08089



BF8C61

Sweetspot

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



2EA6A4



A9D9D8



30A62E



516E6D



EDEDED



6E6E6E

Same Dimension

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



2EA6A4



1CD9D6



2E6CA6



4C5454



009491



001414

Inverse Universe

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



A62E30



D91C1F



A6682E



544C4C



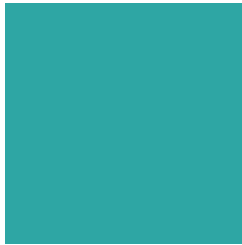
940002



140000

Previews

White Background



This preview shows how the Hex color 2EA6A4 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 2EA6A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

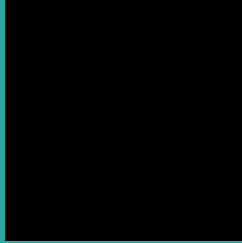
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

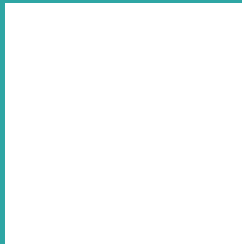
Any Text WCAG AAA ✓ Pass

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

Hex 2EA6A4 Background



This preview shows how black text looks on a background with the Hex color 2EA6A4.

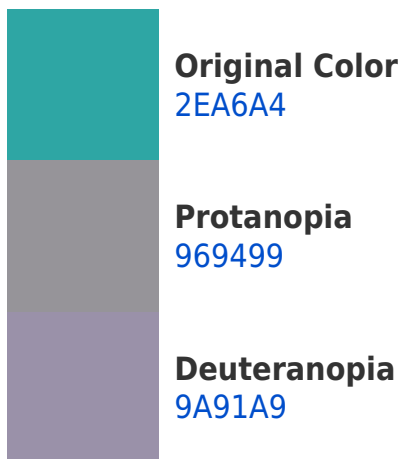


This preview shows how white text looks on a background with the Hex color 2EA6A4.

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
36A4B1

Trichromacy



Original Color
2EA6A4



Protanomaly
709B9D



Deuteranomaly
7399A7



Tritanomaly
33A5AC

Monochromacy



Original Color
2EA6A4



Achromatopsia
828282



Achromatomaly
638F8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EA6A4 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 #2EA6A4 looks like.

```
.text, #text, p{  
    color:#2EA6A4  
}
```

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 #2EA6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA6A4
}
```

Border

The CSS property to change the border of an element to Hex 2EA6A4 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
#2EA6A4 }
```

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

```
.border{ border-color:#2EA6A4 }
```

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

Here you see how a box with a 4 pixel #2EA6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA6A4; -webkit-box-shadow:4px 4px  
4px 4px #2EA6A4; box-shadow:4px 4px 4px  
4px #2EA6A4 }
```

Background

The CSS property to change the background color of an element to Hex 2EA6A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA6A4 }
```

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

```
.background{ background-color:#2EA6A4 }
```

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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