

Converting Colors

Hex(2EA2A3)

Have a look what the booklet for
Hex(2EA2A3) contains.

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Color

Hex(2EA2A3)

Conversions

Conversions Part 1

Format	Color
Hex	2EA2A3
RGB	46, 162, 163
RGB Percent	18%, 64%, 64%
CMY	0.8196, 0.3647, 0.3608
CMYK	0.72, 0.01, 0.00, 0.36
HSL	181°, 56%, 41%
HSV	181°, 72%, 64%
XYZ	20.6579, 29.0658, 39.1718
YIQ	127.4300, -69.4570, -24.2810

Conversions

Conversions Part 2

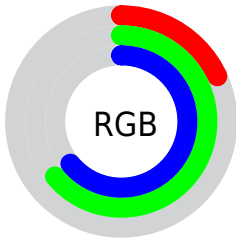
Format	Color
R_{YB}	46, 104, 163
Decimal	3056291
CIE _{Lab}	60.84, -30.58, -9.76
CIE _{LCh}	61, 32.105, 197.702
Yxy	29.0658, 0.2324, 0.3270
Android (android.graphics.Color)	4281246371 (0xFF2EA2A3)
YUV	127.4300, 17.5360, -71.4141
Hunter-Lab	53.9128, -25.9510, -5.3399




Details

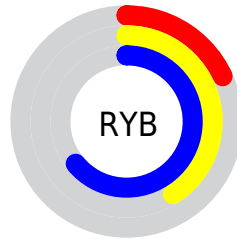
The Hex color **2EA2A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A32F2E**, and the grayscale version is **7F7F7F**.




A 20% lighter version of the original color is **6ED9DA**, and **006E6F** is the 20% darker color. If you saturate the color by 10%, you get **1EA2A3**, and if you desaturate by 10%, it is **3EA2A3**.

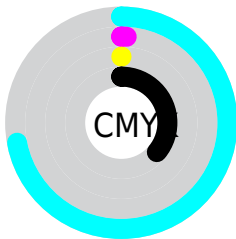
Distribution







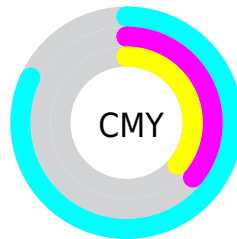
-  Red (18%)
-  Green (64%)
-  Blue (64%)






-  Red (18%)
-  Yellow (41%)
-  Blue (64%)



-  Cyan (72%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2EA2A3 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 2EA2A3 by changing the saturation by 10% instead.



2EA2A3



2EA2A3

FFFFFF



008789



6ED9DA



006E6F



8CF6F6



005557



A9FFFF



003D40



C7FFFF



00272A



E5FFFF



000716



000000



2EA2A3



2EA2A3



1EA2A3



3EA2A3

0DA2A3

4FA2A3

00A2A3

5FA2A3

6FA3A3

7FA3A3

90A3A3

A0A3A3

B0A3A3

C1A3A3

Harmonies

Analogous

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



51A186



2EA2A3



2C9FBC

Triad

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



2EA2A3



AB85B9



B08D5B

Complementary

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



2EA2A3



A32F2E

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.



C3846A



2EA2A3



C37EA0

Square

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



2EA2A3



8590C9



CB7D83



95965C

Rectangle

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



2EA2A3



479BC7



CB7D83



B88A5F

Sweetspot

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



2EA2A3



A5D3D4



2EA32E



4F6B6B



EBEBEB



6B6B6B

Same Dimension

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



2EA2A3



1ED2D4



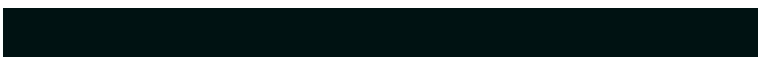
2E68A3



495252



009091



001212

Inverse Universe

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



A32EA2



D41ED2



A3682E



524952



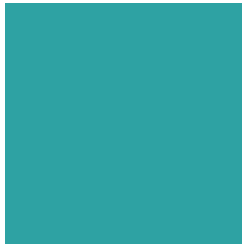
910090



120012

Previews

White Background



This preview shows how the Hex color 2EA2A3 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2EA2A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

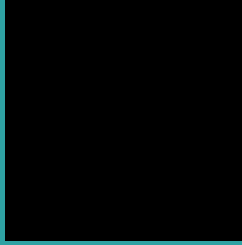
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

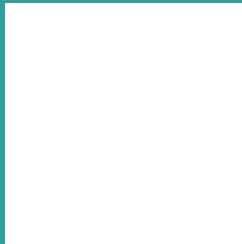
Any Text WCAG AAA × Fail

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

Hex 2EA2A3 Background



This preview shows how black text looks on a background with the Hex color 2EA2A3.



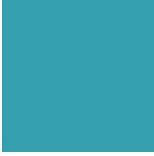
This preview shows how white text looks on a background with the Hex color 2EA2A3.

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
35A0AD

Trichromacy



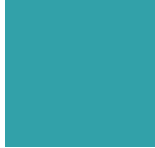
Original Color
2EA2A3



Protanomaly
6E979C



Deuteranomaly
7095A6



Tritanomaly
32A1A9

Monochromacy



Original Color
2EA2A3



Achromatopsia
7F7F7F



Achromatomaly
628C8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EA2A3 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 #2EA2A3 looks like.

```
.text, #text, p{  
    color:#2EA2A3  
}
```

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 #2EA2A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA2A3
}
```

Border

The CSS property to change the border of an element to Hex 2EA2A3 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
#2EA2A3 }
```

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

```
.border{ border-color:#2EA2A3 }
```

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

Here you see how a box with a 4 pixel #2EA2A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA2A3; -webkit-box-shadow:4px 4px  
4px 4px #2EA2A3; box-shadow:4px 4px 4px  
4px #2EA2A3 }
```

Background

The CSS property to change the background color of an element to Hex 2EA2A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA2A3 }
```

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

```
.background{ background-color:#2EA2A3 }
```

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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