

Converting Colors

Hex(2EB092)

Have a look what the booklet for
Hex(2EB092) contains.

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Color

Hex(2EB092)

Conversions

Conversions Part 1

Format	Color
Hex	2EB092
RGB	46, 176, 146
RGB Percent	18%, 69%, 57%
CMY	0.8196, 0.3098, 0.4275
CMYK	0.74, 0.00, 0.17, 0.31
HSL	166°, 59%, 44%
HSV	166°, 74%, 69%
XYZ	21.8404, 33.7068, 32.5491
YIQ	133.7100, -67.8500, -36.8900

Conversions

Conversions Part 2

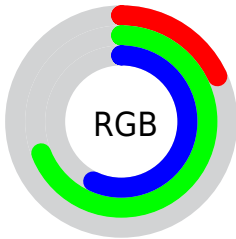
Format	Color
RYB	46, 119, 176
Decimal	3059858
CIELab	64.73, -41.72, 5.46
CIELCh	65, 42.076, 172.544
Yxy	33.7068, 0.2479, 0.3826
Android (android.graphics.Color)	4281249938 (0xFF2EB092)
YUV	133.7100, 6.0590, -76.9217
Hunter-Lab	58.0576, -34.4519, 7.4003

Details

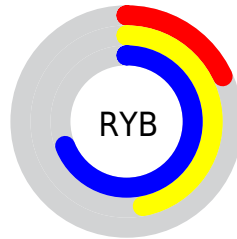
The Hex color **2EB092** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B02E4C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6FE8C8**, and **007A60** is the 20% darker color. If you saturate the color by 10%, you get **1CB08E**, and if you desaturate by 10%, it is **40B096**.

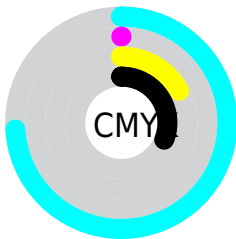
Distribution



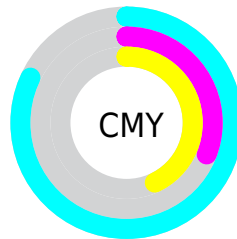
- Red (18%)
- Green (69%)
- Blue (57%)



- Red (18%)
- Yellow (47%)
- Blue (69%)



- Cyan (74%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)



- Cyan (82%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB092 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 2EB092 by changing the saturation by 10% instead.

 2EB092

 2EB092

FFFFFF

 009578

 6FE8C8

 007A60

 8DFFE4

 006148

 AAFFFF

 004831

 C8FFFF

 00311C

 E6FFFF

 001903

 000000

 2EB092

 2EB092

 1CB08E

 40B096

 0BB08A

 51B09A

 00B087

 63B09E

 74B0A2

 86B0A6

 98B0AA

 A9B0AE

 BBB0B2

 CCB0B7

Harmonies

Analogous

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



6CAC6E



2EB092



00B0B9

Triad

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



2EB092



9297E2



D88A63

Complementary

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



2EB092



B02E4C

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.



E58082



2EB092



C389CB

Square

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



2EB092



4BA4E7



DF7FA8



BD9851

Rectangle

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



2EB092



00AECF



DF7FA8



DE866C

Sweetspot

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



2EB092



B3E6DA



4CB02E



55736C



F2F2F2



737373

Same Dimension

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



2EB092



19E6B6



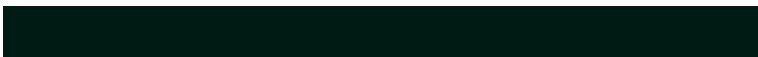
2E8DB0



505957



009976



001A14

Inverse Universe

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



B02E4C



E61948



B0512E



595052



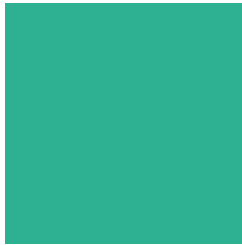
990023



1A0006

Previews

White Background



This preview shows how the Hex color 2EB092 looks on a white background.

Color Contrast Check

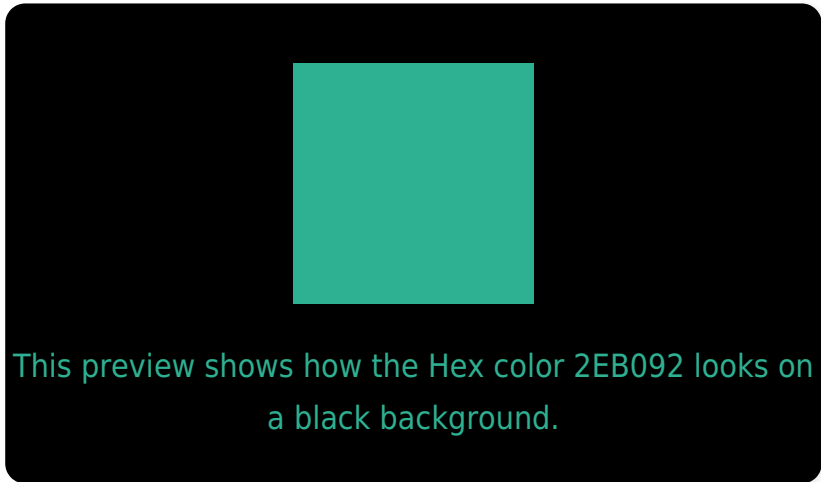
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

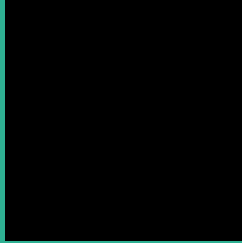
Any Text WCAG AA ✓ Pass

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 2EB092 Background



This preview shows how black text looks on a background with the Hex color 2EB092.

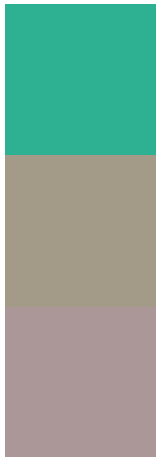


This preview shows how white text looks on a background with the Hex color 2EB092.

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](#).

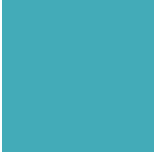
Dichromacy



Original Color
2EB092

Protanopia
A39B87

Deuteranopia
AC9798



Tritanopia
43ABB8

Trichromacy



Original Color
2EB092



Protanomaly
78A38B



Deuteranomaly
7EA096



Tritanomaly
3BADAA

Monochromacy



Original Color
2EB092



Achromatopsia
868686



Achromatomaly
66958A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB092 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 #2EB092 looks like.

```
.text, #text, p{  
    color:#2EB092  
}
```

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 #2EB092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB092
}
```

Border

The CSS property to change the border of an element to Hex 2EB092 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
#2EB092 }
```

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

```
.border{ border-color:#2EB092 }
```

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

Here you see how a box with a 4 pixel #2EB092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB092; -webkit-box-shadow:4px 4px  
4px 4px #2EB092; box-shadow:4px 4px 4px  
4px #2EB092 }
```

Background

The CSS property to change the background color of an element to Hex 2EB092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB092 }
```

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

```
.background{ background-color:#2EB092 }
```

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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