

# Converting Colors

Hex(2B91C2)

Have a look what the booklet for  
Hex(2B91C2) contains.

<b>Hex(2B91C2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2B91C2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B91C2
RGB	43, 145, 194
RGB Percent	17%, 57%, 76%
CMY	0.8314, 0.4314, 0.2392
CMYK	0.78, 0.25, 0.00, 0.24
HSL	199°, 64%, 46%
HSV	199°, 78%, 76%
XYZ	20.8593, 24.6594, 54.6993
YIQ	120.0880, -76.5210, -6.3850

# Conversions

## Conversions Part 2

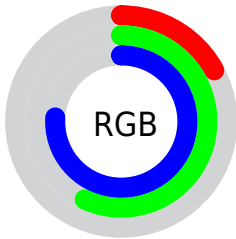
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 104, 194
Decimal	2855362
CIE <sub>Lab</sub>	56.74, -11.95, -33.57
CIE <sub>LCh</sub>	57, 35.636, 250.409
Yxy	24.6594, 0.2081, 0.2461
Android (android.graphics.Color)	4281045442 (0xFF2B91C2)
YUV	120.0880, 36.4386, -67.6062
Hunter-Lab	49.6583, -11.9219, -30.5480

# Details

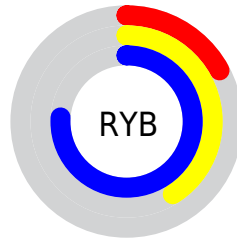
The Hex color **2B91C2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C25C2B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6FC7FB**, and **005F8C** is the 20% darker color. If you saturate the color by 10%, you get **188BC2**, and if you desaturate by 10%, it is **3E97C2**.

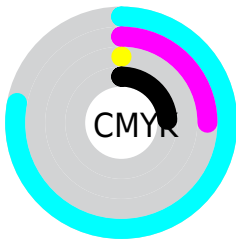
# Distribution



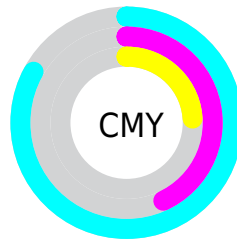
- Red (17%)
- Green (57%)
- Blue (76%)



- Red (17%)
- Yellow (41%)
- Blue (76%)



- Cyan (78%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (43%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B91C2 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 2B91C2 by changing the saturation by 10% instead.



■ 2B91C2

■ 2B91C2

FFFFFF

■ 0077A7

■ 6FC7FB

■ 005F8C

■ 8EE3FF

■ 004772

■ ABFFFF

■ 00315A

■ C9FFFF

■ 001D42

■ E7FFFF

■ 00032B

■ 000116

■ 000000

■ 2B91C2

■ 2B91C2

■ 188BC2

■ 3E97C2

■ 0484C2

■ 529EC2

■ 0083C2

■ 65A4C2

■ 79AAC2

■ 8CB0C2

■ 9FB7C2

■ B3BDC2

■ C6C3C2

■ DACAC2

# Harmonies

## Analogous

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



0097AF



2B91C2



6B88C5

# Triad

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



2B91C2



C46F7E



6F9258

# Complementary

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



2B91C2



C25C2B

# 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.



918A4A



2B91C2



BF7561

# Square

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



2B91C2



B7729E



AD7F4E



479772

# Rectangle

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



2B91C2



8C80BE



AD7F4E



7B9051

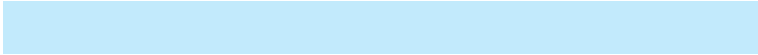


# Sweetspot

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



2B91C2



C2EAFC



2BC25B



5C7480



000000



808080



# Same Dimension

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



2B91C2



12B0FC



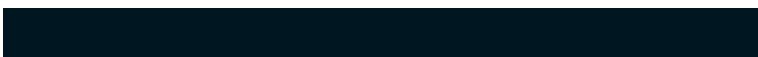
2B47C2



575E61



006DA1



001621



# Inverse Universe

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



C22B91



FC12B0



C2A62B



61575E



A1006D



210016



# Previews

## White Background



This preview shows how the Hex color 2B91C2 looks on a white background.

## Color Contrast Check

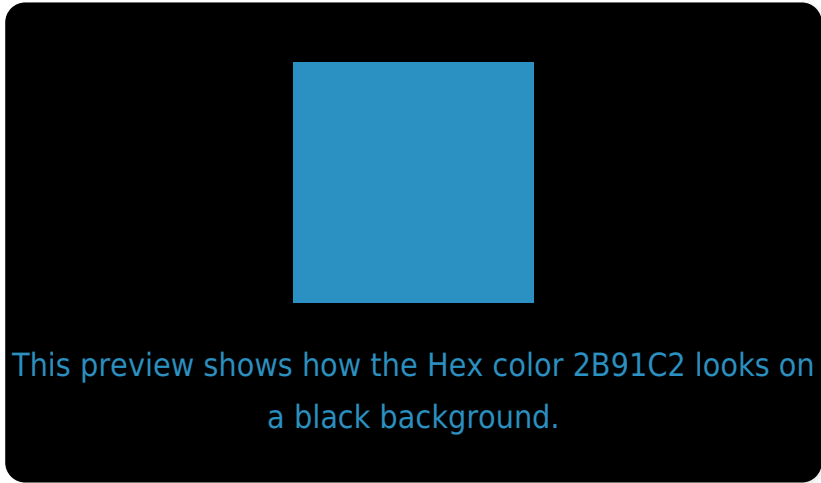
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

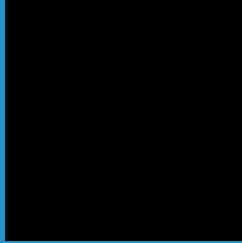
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2B91C2 Background



This preview shows how black text looks on a background with the Hex color 2B91C2.



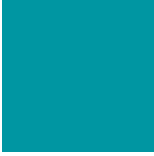
This preview shows how white text looks on a background with the Hex color 2B91C2.

# 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](#).

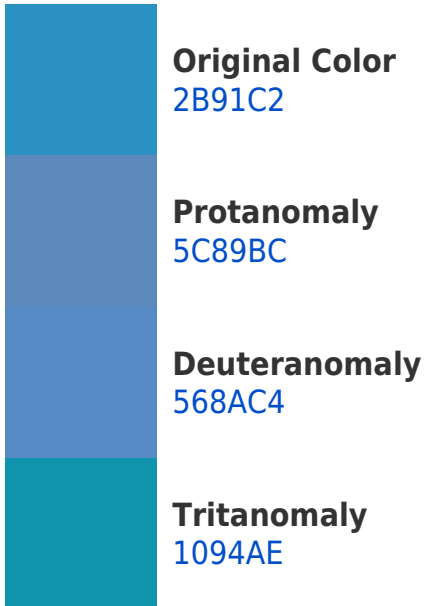
## Dichromacy



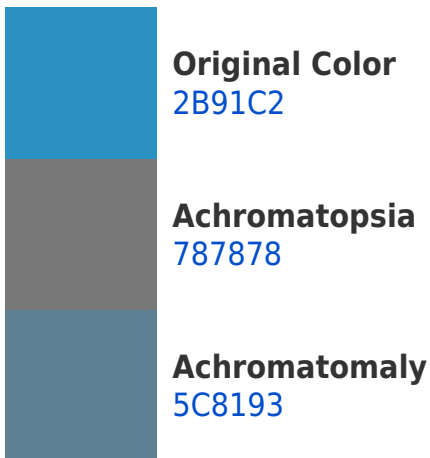


**Tritanopia**  
0096A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B91C2 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 #2B91C2 looks like.

```
.text, #text, p{  
    color:#2B91C2  
}
```

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 #2B91C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B91C2
}
```

## Border

The CSS property to change the border of an element to Hex 2B91C2 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
#2B91C2 }
```

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

```
.border{ border-color:#2B91C2 }
```

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

Here you see how a box with a 4 pixel #2B91C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B91C2; -webkit-box-shadow:4px 4px  
4px 4px #2B91C2; box-shadow:4px 4px 4px  
4px #2B91C2 }
```

# Background

The CSS property to change the background color of an element to Hex 2B91C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B91C2 }
```

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

```
.background{ background-color:#2B91C2 }
```

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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