

# Converting Colors

Hex(2B92CC)

Have a look what the booklet for  
Hex(2B92CC) contains.

<b>Hex(2B92CC)</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(2B92CC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B92CC
RGB	43, 146, 204
RGB Percent	17%, 57%, 80%
CMY	0.8314, 0.4275, 0.2000
CMYK	0.79, 0.28, 0.00, 0.20
HSL	202°, 65%, 48%
HSV	202°, 79%, 80%
XYZ	22.1742, 25.4310, 60.8667
YIQ	121.8150, -80.0060, -3.7980

# Conversions

## Conversions Part 2

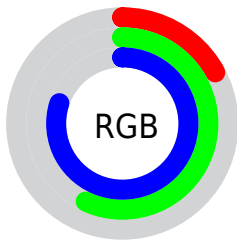
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 106, 204
Decimal	2855628
CIE <sub>Lab</sub>	57.49, -8.98, -38.04
CIE <sub>LCh</sub>	57, 39.087, 256.723
Yxy	25.4310, 0.2044, 0.2344
Android (android.graphics.Color)	4281045708 (0xFF2B92CC)
YUV	121.8150, 40.5172, -69.1208
Hunter-Lab	50.4292, -9.7627, -36.2611

# Details

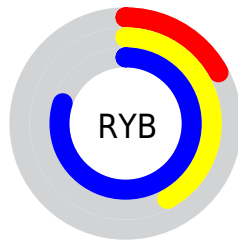
The Hex color **2B92CC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CC652B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **71C8FF**, and **006095** is the 20% darker color. If you saturate the color by 10%, you get **178BCC**, and if you desaturate by 10%, it is **3F99CC**.

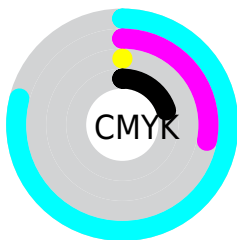
# Distribution



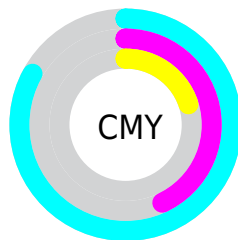
- Red (17%)
- Green (57%)
- Blue (80%)



- Red (17%)
- Yellow (42%)
- Blue (80%)



- Cyan (79%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (83%)
- Magenta (43%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B92CC 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 2B92CC by changing the saturation by 10% instead.



 2B92CC

 2B92CC

FFFFFF

 0078B0

 71C8FF

 006095

 90E4FF

 00487B

 AEFFFF

 003262

 CCFFFF

 001E4A

 EAFFFF

 000433

 00021D

 000000

 2B92CC

 2B92CC

■ 178BCC

■ 3F99CC

■ 0283CC

■ 54A1CC

■ 0083CC

■ 68A8CC

■ 7DAFCC

■ 91B7CC

■ A5BECC

■ BAC5CC

■ CECDCC

■ E3D4CC

# Harmonies

## Analogous

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



0099BB



2B92CC



7587CB

# Triad

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



2B92CC



CB6F78



66965A

# Complementary

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



2B92CC



CC652B

# 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.



8C8E47



2B92CC



C3775A

# Square

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



2B92CC



C2709B



AC8347



329B79

# Rectangle

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



2B92CC



977EC1



AC8347



739452

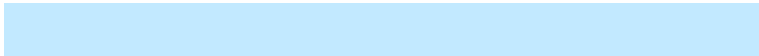


# Sweetspot

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



2B92CC



C2E9FF



2BCC63



5B7280



000000



808080



# Same Dimension

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



2B92CC



0DA8FF



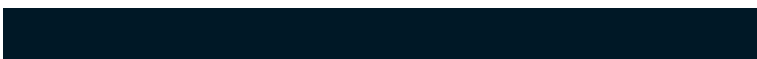
2B43CC



5C6266



006AA6



001826



# Inverse Universe

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



CC2B92



FF0DA8



CCB42B



665C62



A6006A



260018



# Previews

## White Background



This preview shows how the Hex color 2B92CC looks on a white background.

## Color Contrast Check

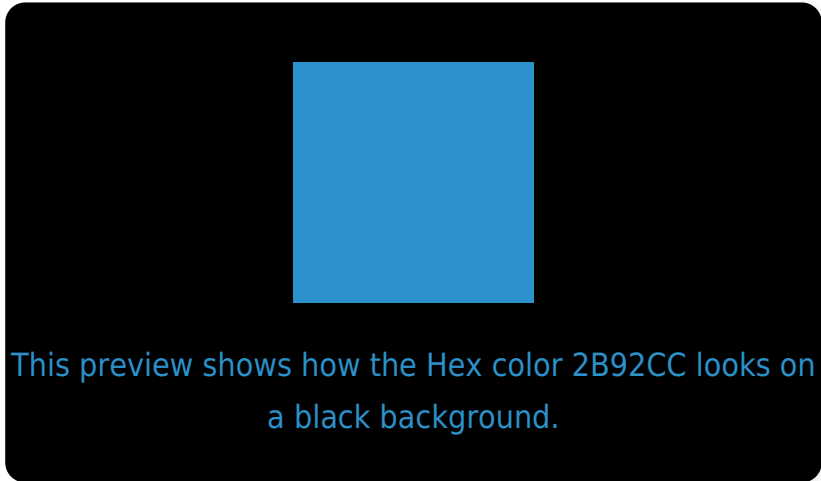
Large Text (above 18pt) WCAG AA ✓ Pass

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

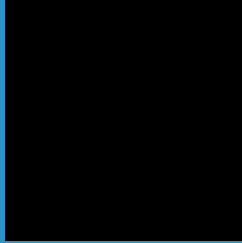
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

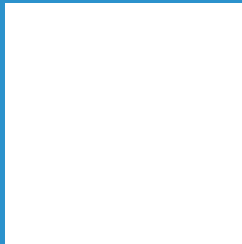
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B92CC Background



This preview shows how black text looks on a background with the Hex color 2B92CC.

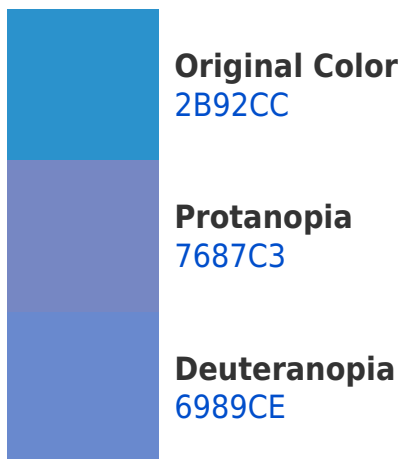


This preview shows how white text looks on a background with the Hex color 2B92CC.

# 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](#).

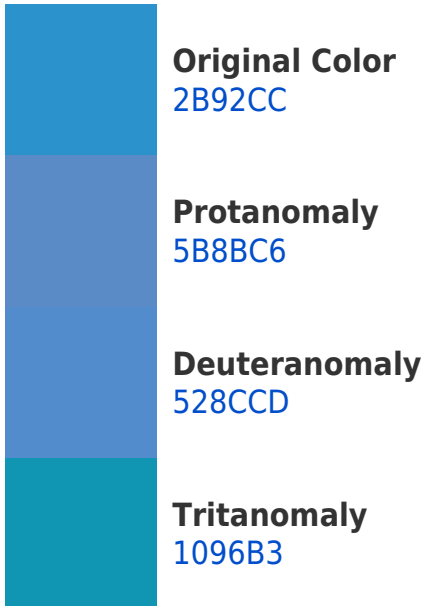
## Dichromacy



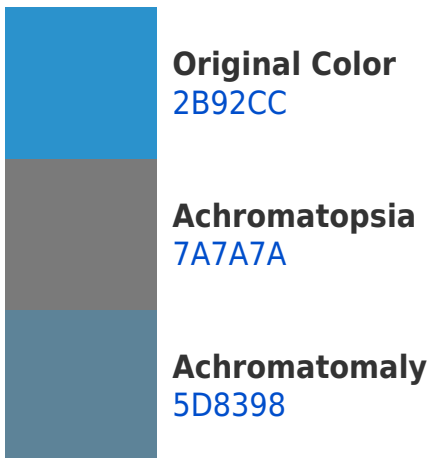


**Tritanopia**  
0099A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B92CC 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 #2B92CC looks like.

```
.text, #text, p{  
    color:#2B92CC  
}
```

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 #2B92CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B92CC
}
```

## Border

The CSS property to change the border of an element to Hex 2B92CC 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
#2B92CC }
```

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

```
.border{ border-color:#2B92CC }
```

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

Here you see how a box with a 4 pixel #2B92CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B92CC; -webkit-box-shadow:4px 4px  
4px 4px #2B92CC; box-shadow:4px 4px 4px  
4px #2B92CC }
```

# Background

The CSS property to change the background color of an element to Hex 2B92CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B92CC }
```

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

```
.background{ background-color:#2B92CC }
```

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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