

# Converting Colors

Hex(2C88BE)

Have a look what the booklet for  
Hex(2C88BE) contains.

<b>Hex(2C88BE)</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(2C88BE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C88BE
RGB	44, 136, 190
RGB Percent	17%, 53%, 75%
CMY	0.8275, 0.4667, 0.2549
CMYK	0.77, 0.28, 0.00, 0.25
HSL	202°, 62%, 46%
HSV	202°, 77%, 75%
XYZ	19.1371, 21.8615, 51.9263
YIQ	114.6480, -72.1660, -2.7100

# Conversions

## Conversions Part 2

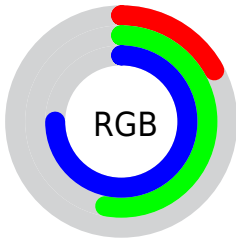
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 100, 190
Decimal	2918590
CIE <sub>Lab</sub>	53.88, -8.15, -35.77
CIE <sub>LCh</sub>	54, 36.691, 257.165
Yxy	21.8615, 0.2059, 0.2353
Android (android.graphics.Color)	4281108670 (0xFF2C88BE)
YUV	114.6480, 37.1485, -61.9583
Hunter-Lab	46.7563, -8.7643, -33.1165

# Details

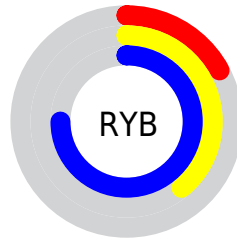
The Hex color **2C88BE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BE622C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6FBDF7**, and **005688** is the 20% darker color. If you saturate the color by 10%, you get **1981BE**, and if you desaturate by 10%, it is **3F8FBE**.

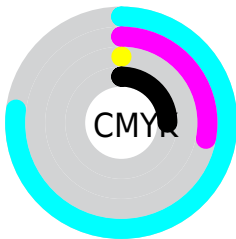
# Distribution



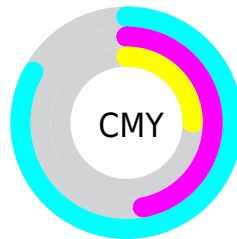
- Red (17%)
- Green (53%)
- Blue (75%)



- Red (17%)
- Yellow (39%)
- Blue (75%)



- Cyan (77%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)



- Cyan (83%)
- Magenta (47%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C88BE 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 2C88BE by changing the saturation by 10% instead.



■ 2C88BE

■ 2C88BE

FFFFFF

■ 006FA3

■ 6FBDF7

■ 005688

■ 8DD9FF

■ 003F6F

■ AAF5FF

■ 002A56

■ C8FFFF

■ 00163E

■ E6FFFF

■ 000328

■ 000112

■ 000000

■ 2C88BE

■ 2C88BE

■ 1981BE

■ 3F8FBE

■ 067ABE

■ 5296BE

■ 0078BE

■ 659DBE

■ 78A4BE

■ 8BABBE

■ 9EB2BE

■ B1B9BE

■ C4C0BE

■ D7C7BE

# Harmonies

## Analogous

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



008FAE



2C88BE



6E7EBD

# Triad

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



2C88BE



BD6870



5F8C54

# Complementary

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



2C88BE



BE622C

# 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.



828543



2C88BE



B56F54

# Square

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



2C88BE



B56990



A07A43



2F9072

# Rectangle

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



2C88BE



8E76B3



A07A43



6B8A4D



# Sweetspot

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



2C88BE



BEE2F7



2CBE62



5A707D



FCFCFC



7D7D7D



# Same Dimension

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



2C88BE



14A3F7



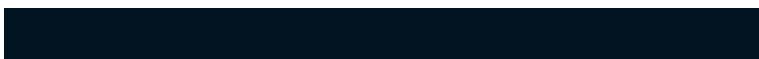
2C3FBE



555B5E



00649E



00131F



# Inverse Universe

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



BE2C88



F714A3



BEAB2C



5E555B



9E0064



1F0013



# Previews

## White Background



This preview shows how the Hex color 2C88BE looks on a white background.

## Color Contrast Check

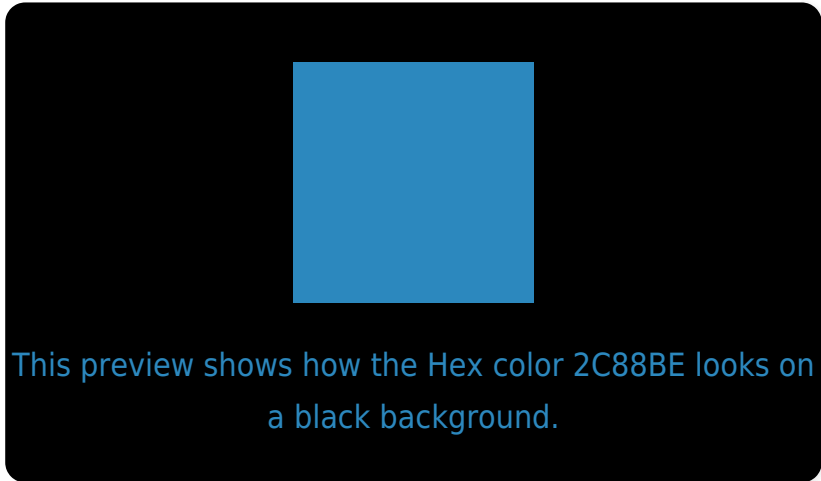
Large Text (above 18pt) WCAG AA ✓ Pass

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

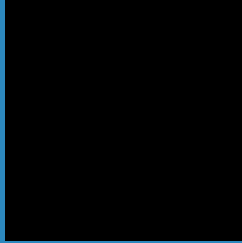
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2C88BE Background



This preview shows how black text looks on a background with the Hex color 2C88BE.

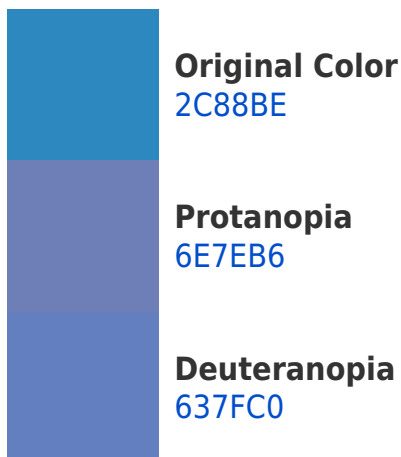


This preview shows how white text looks on a background with the Hex color 2C88BE.

# 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](#).

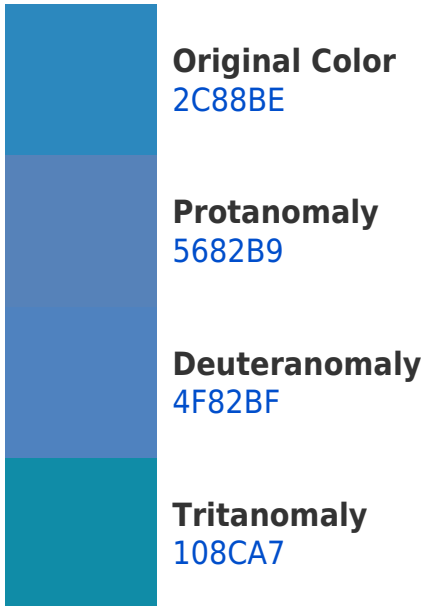
## Dichromacy





**Tritanopia**  
008E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C88BE 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 #2C88BE looks like.

```
.text, #text, p{  
    color:#2C88BE  
}
```

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 #2C88BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C88BE
}
```

## Border

The CSS property to change the border of an element to Hex 2C88BE 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
#2C88BE }
```

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

```
.border{ border-color:#2C88BE }
```

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

Here you see how a box with a 4 pixel #2C88BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C88BE; -webkit-box-shadow:4px 4px  
4px 4px #2C88BE; box-shadow:4px 4px 4px  
4px #2C88BE }
```

# Background

The CSS property to change the background color of an element to Hex 2C88BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C88BE }
```

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

```
.background{ background-color:#2C88BE }
```

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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