

# Converting Colors

Hex(2C6C92)

Have a look what the booklet for  
Hex(2C6C92) contains.

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# Color

Hex(2C6C92)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C6C92
RGB	44, 108, 146
RGB Percent	17%, 42%, 57%
CMY	0.8275, 0.5765, 0.4275
CMYK	0.70, 0.26, 0.00, 0.43
HSL	202°, 54%, 37%
HSV	202°, 70%, 57%
XYZ	11.5896, 13.3359, 29.1574
YIQ	93.1960, -50.3420, -1.7500

# Conversions

## Conversions Part 2

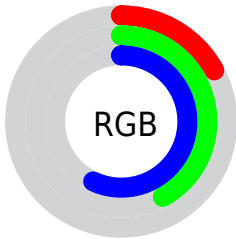
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 83, 146
Decimal	2911378
CIE <sub>Lab</sub>	43.27, -7.51, -26.73
CIE <sub>LCh</sub>	43, 27.766, 254.301
Yxy	13.3359, 0.2143, 0.2466
Android (android.graphics.Color)	4281101458 (0xFF2C6C92)
YUV	93.1960, 26.0324, -43.1449
Hunter-Lab	36.5184, -7.2579, -21.7761

# Details

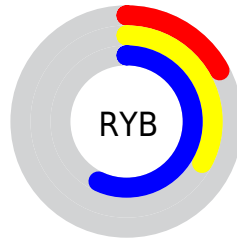
The Hex color **2C6C92** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **92522C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **669FC8**, and **003D5F** is the 20% darker color. If you saturate the color by 10%, you get **1D6792**, and if you desaturate by 10%, it is **3B7192**.

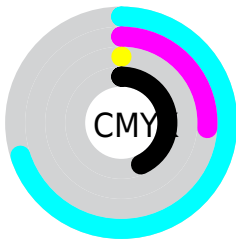
# Distribution



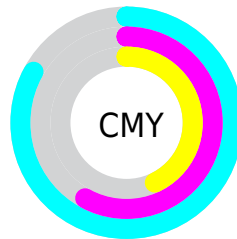
- Red (17%)
- Green (42%)
- Blue (57%)



- Red (17%)
- Yellow (33%)
- Blue (57%)



- Cyan (70%)
- Magenta (26%)
- Yellow (0%)
- Black (43%)



- Cyan (83%)
- Magenta (58%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C6C92 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 2C6C92 by changing the saturation by 10% instead.



■ 2C6C92

■ 2C6C92

FFFFFF

■ 005478

■ 669FC8

■ 003D5F

■ 82BAE4

■ 002747

■ 9ED6FF

■ 001331

■ BAF2FF

■ 00011B

■ D7FFFF

■ 000000

■ F5FFFF

■ 2C6C92

■ 2C6C92

■ 1D6792

■ 3B7192

■ 0F6192

■ 497792

■ 005C92

■ 587C92

■ 668292

■ 758792

■ 848D92

■ 929292

■ A19892

■ AF9D92

# Harmonies

## Analogous

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



007186



2C6C92



566593

# Triad

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



2C6C92



93545C



516E44

# Complementary

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



2C6C92



92522C

# 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.



6A6839



2C6C92



8E5947

# Square

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



2C6C92



8B5673



7F613A



327259

# Rectangle

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



2C6C92



6D5F8C



7F613A



596C3F



# Sweetspot

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



2C6C92



95AEBD



2C9251



47565E



DEDEDE



5E5E5E



# Same Dimension

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



2C6C92



1E82BD



2C3A92



43474A



00568A



00060A



# Inverse Universe

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



922C6C



BD1E82



92842C



4A4347



8A0056



0A0006



# Previews

## White Background



This preview shows how the Hex color 2C6C92 looks on a white background.

## Color Contrast Check

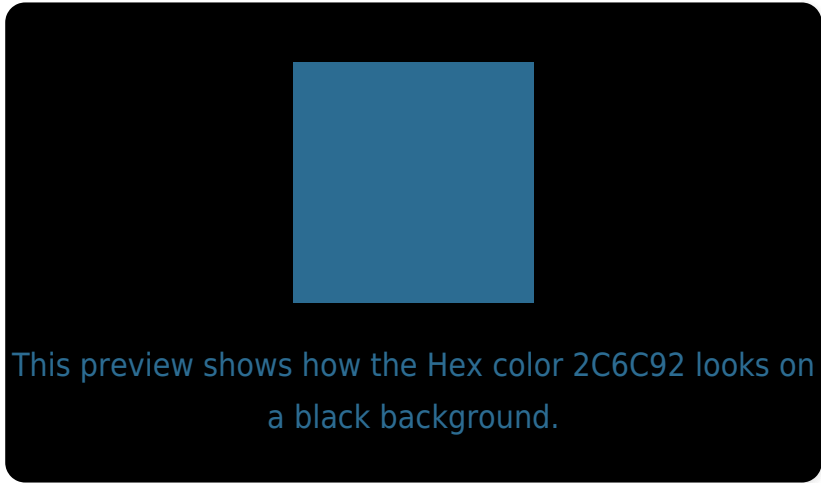
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

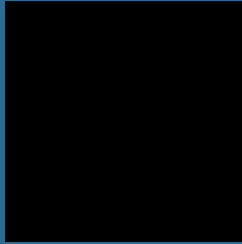
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C6C92 Background



This preview shows how black text looks on a background with the Hex color 2C6C92.



This preview shows how white text looks on a background with the Hex color 2C6C92.

# 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



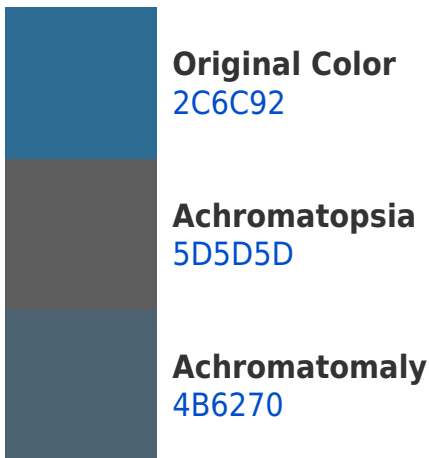


**Tritanopia**  
1A717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C6C92 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 #2C6C92 looks like.

```
.text, #text, p{  
    color:#2C6C92  
}
```

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 #2C6C92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6C92
}
```

## Border

The CSS property to change the border of an element to Hex 2C6C92 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
#2C6C92 }
```

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

```
.border{ border-color:#2C6C92 }
```

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

Here you see how a box with a 4 pixel #2C6C92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6C92; -webkit-box-shadow:4px 4px  
4px 4px #2C6C92; box-shadow:4px 4px 4px  
4px #2C6C92 }
```

# Background

The CSS property to change the background color of an element to Hex 2C6C92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6C92 }
```

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

```
.background{ background-color:#2C6C92 }
```

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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