

# Converting Colors

Hex(2C7190)

Have a look what the booklet for  
Hex(2C7190) contains.

<b>Hex(2C7190)</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(2C7190)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C7190
RGB	44, 113, 144
RGB Percent	17%, 44%, 56%
CMY	0.8275, 0.5569, 0.4353
CMYK	0.69, 0.22, 0.00, 0.44
HSL	199°, 53%, 37%
HSV	199°, 69%, 56%
XYZ	11.9779, 14.3593, 28.5259
YIQ	95.9030, -51.0750, -4.9870

# Conversions

## Conversions Part 2

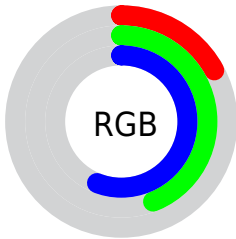
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 85, 144
Decimal	2912656
CIELab	44.74, -11.15, -23.24
CIELCh	45, 25.779, 244.375
Yxy	14.3593, 0.2183, 0.2617
Android (android.graphics.Color)	4281102736 (0xFF2C7190)
YUV	95.9030, 23.7118, -45.5189
Hunter-Lab	37.8937, -9.8917, -18.1071

# Details

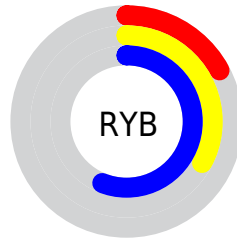
The Hex color **2C7190** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **904B2C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **66A5C6**, and **00415D** is the 20% darker color. If you saturate the color by 10%, you get **1E6D90**, and if you desaturate by 10%, it is **3A7590**.

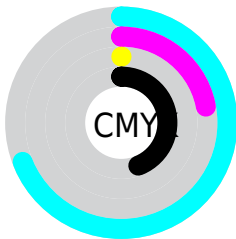
# Distribution



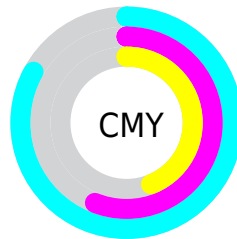
- Red (17%)
- Green (44%)
- Blue (56%)



- Red (17%)
- Yellow (33%)
- Blue (56%)



- Cyan (69%)
- Magenta (22%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (56%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C7190 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 2C7190 by changing the saturation by 10% instead.



■ 2C7190

■ 2C7190

FFFFFF

■ 005976

■ 66A5C6

■ 00415D

■ 82C0E2

■ 002B46

■ 9EDCFF

■ 00172F

■ BAF8FF

■ 00011A

■ D7FFFF

■ 000000

■ F5FFFF

■ 2C7190

■ 2C7190

■ 1E6D90

■ 3A7590

0F6890

497A90

016490

577E90

006390

668390

748790

828C90

919090

9F9590

AE9990

# Harmonies

## Analogous

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



147581



2C7190



506B94

# Triad

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



2C7190



935967



5E7046

# Complementary

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



2C7190



904B2C

# 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.



756A3F



2C7190



925C53

# Square

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



2C7190



885C7D



876244



447457

# Rectangle

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



2C7190



676691



876244



666E42



# Sweetspot

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



2C7190



93AEBA



2C904A



47575E



DEDEDE



5E5E5E



# Same Dimension

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



2C7190



208ABA



2C4090



404547



005D87



000508



# Inverse Universe

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



902C71



BA208A



907C2C



474045



87005D



080005



# Previews

## White Background



This preview shows how the Hex color 2C7190 looks on a white background.

## Color Contrast Check

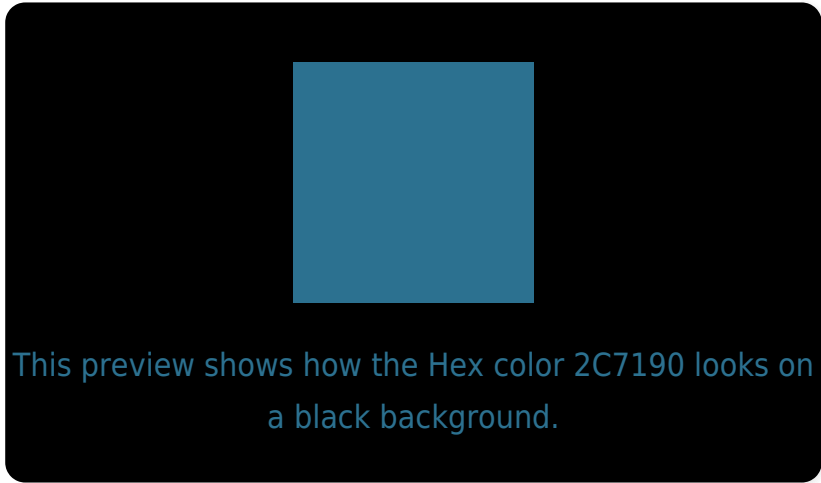
Large Text (above 18pt) WCAG AA ✓ Pass

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

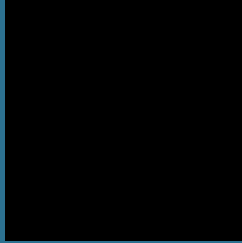
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C7190 Background



This preview shows how black text looks on a background with the Hex color 2C7190.

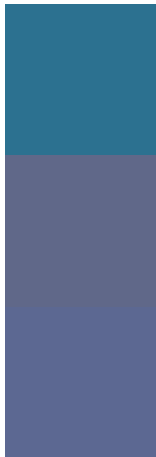


This preview shows how white text looks on a background with the Hex color 2C7190.

# 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



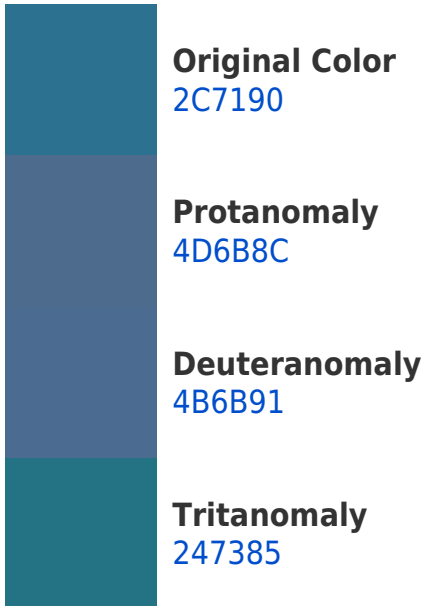
**Original Color**  
2C7190

**Protanopia**  
606889

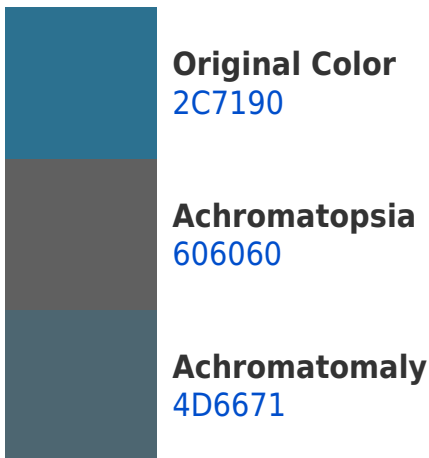
**Deuteranopia**  
5C6892



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C7190 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 #2C7190 looks like.

```
.text, #text, p{  
    color:#2C7190  
}
```

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 #2C7190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7190
}
```

## Border

The CSS property to change the border of an element to Hex 2C7190 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
#2C7190 }
```

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

```
.border{ border-color:#2C7190 }
```

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

Here you see how a box with a 4 pixel #2C7190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7190; -webkit-box-shadow:4px 4px  
4px 4px #2C7190; box-shadow:4px 4px 4px  
4px #2C7190 }
```

# Background

The CSS property to change the background color of an element to Hex 2C7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7190 }
```

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

```
.background{ background-color:#2C7190 }
```

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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