

Converting Colors

Hex(2C6F91)

Have a look what the booklet for
Hex(2C6F91) contains.

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Color

Hex(2C6F91)

Conversions

Conversions Part 1

Format	Color
Hex	2C6F91
RGB	44, 111, 145
RGB Percent	17%, 44%, 57%
CMY	0.8275, 0.5647, 0.4314
CMYK	0.70, 0.23, 0.00, 0.43
HSL	200°, 53%, 37%
HSV	200°, 70%, 57%
XYZ	11.8340, 13.9487, 28.8567
YIQ	94.8430, -50.8460, -3.6300

Conversions

Conversions Part 2

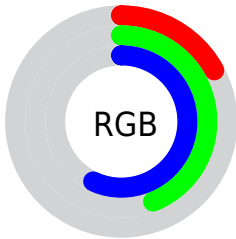
Format	Color
RYB	44, 84, 145
Decimal	2912145
CIELab	44.16, -9.64, -24.74
CIElCh	44, 26.555, 248.722
Yxy	13.9487, 0.2166, 0.2553
Android (android.graphics.Color)	4281102225 (0xFF2C6F91)
YUV	94.8430, 24.7274, -44.5893
Hunter-Lab	37.3479, -8.7998, -19.6666

Details

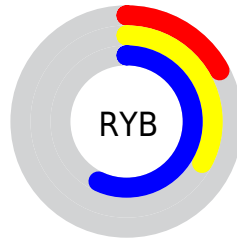
The Hex color **2C6F91** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **914E2C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **66A3C7**, and **003F5E** is the 20% darker color. If you saturate the color by 10%, you get **1E6A91**, and if you desaturate by 10%, it is **3B7491**.

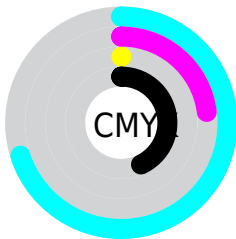
Distribution



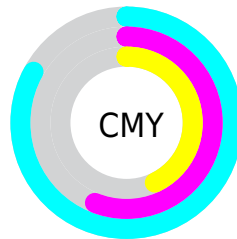
- Red (17%)
- Green (44%)
- Blue (57%)



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



- Cyan (70%)
- Magenta (23%)
- Yellow (0%)
- Black (43%)



- Cyan (83%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6F91 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 2C6F91 by changing the saturation by 10% instead.

■ 2C6F91

■ 2C6F91

FFFFFF

■ 005777

■ 66A3C7

■ 003F5E

■ 82BEE3

■ 002A47

■ 9ED9FF

■ 001630

■ BAF6FF

■ 00011B

■ D7FFFF

■ 000000

■ F5FFFF

■ 2C6F91

■ 2C6F91

■ 1E6A91

■ 3B7491

0F6591

497991

016091

587E91

006091

668391

758791

838C91

929191

A09691

AF9B91

Harmonies

Analogous

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



077383



2C6F91



536894

Triad

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



2C6F91



935763



596F45

Complementary

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



2C6F91



914E2C

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.



71693C



2C6F91



915B4E

Square

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



2C6F91



895979



846240



3D7358

Rectangle

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



2C6F91



6A638F



846240



616D41

Sweetspot

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



2C6F91



95AFBD



2C914E



47565E



DEDEDE



5E5E5E

Same Dimension

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



2C6F91



1E87BD



2C3D91



404547



005A87



000508

Inverse Universe

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



912C6F



BD1E87



91802C



474045



87005A



080005

Previews

White Background



This preview shows how the Hex color 2C6F91 looks on a white background.

Color Contrast Check

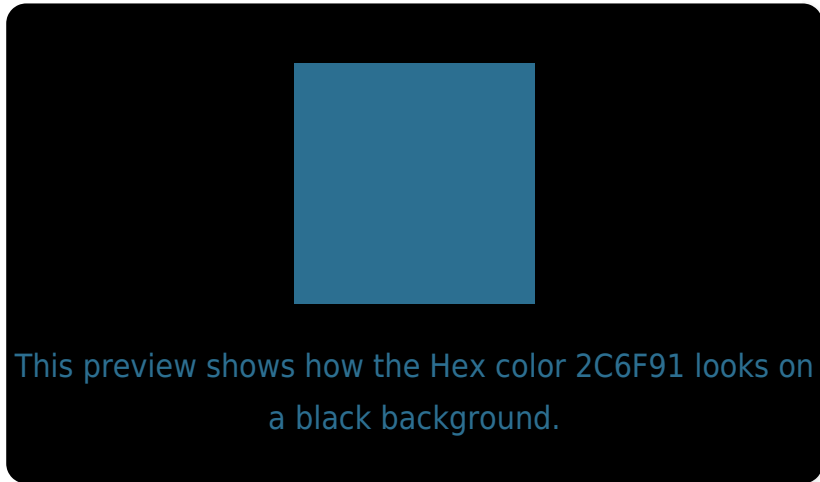
Large Text (above 18pt) WCAG AA ✓ Pass

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

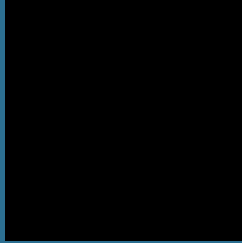
Any Text WCAG AA × Fail

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 2C6F91 Background



This preview shows how black text looks on a background with the Hex color 2C6F91.

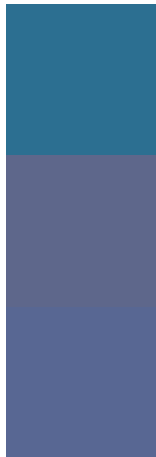


This preview shows how white text looks on a background with the Hex color 2C6F91.

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
2C6F91

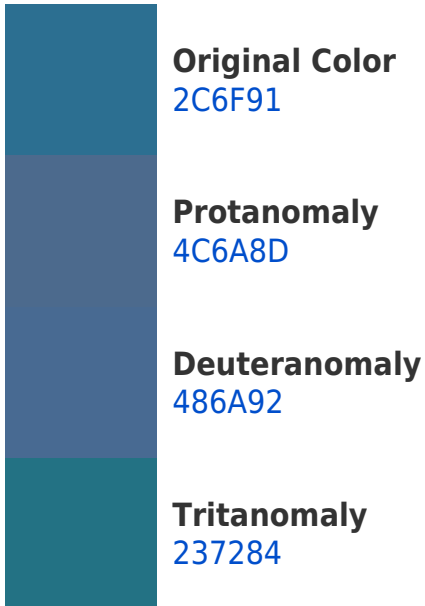
Protanopia
5E678B

Deuteranopia
586793

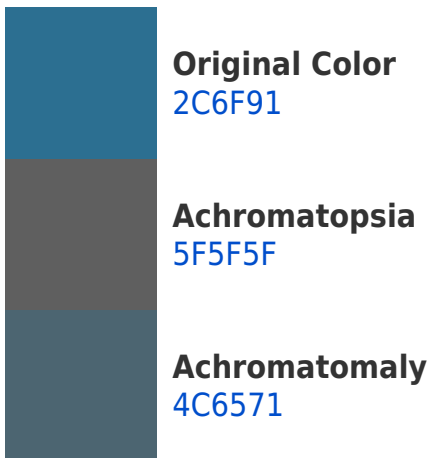


Tritanopia
1E737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6F91 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 #2C6F91 looks like.

```
.text, #text, p{  
    color:#2C6F91  
}
```

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 #2C6F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6F91
}
```

Border

The CSS property to change the border of an element to Hex 2C6F91 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
#2C6F91 }
```

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

```
.border{ border-color:#2C6F91 }
```

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

Here you see how a box with a 4 pixel #2C6F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6F91; -webkit-box-shadow:4px 4px  
4px 4px #2C6F91; box-shadow:4px 4px 4px  
4px #2C6F91 }
```

Background

The CSS property to change the background color of an element to Hex 2C6F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6F91 }
```

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

```
.background{ background-color:#2C6F91 }
```

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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