

# Converting Colors

Hex(2C4D6F)

Have a look what the booklet for  
Hex(2C4D6F) contains.

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# Color

Hex(2C4D6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C4D6F
RGB	44, 77, 111
RGB Percent	17%, 30%, 44%
CMY	0.8275, 0.6980, 0.5647
CMYK	0.60, 0.31, 0.00, 0.56
HSL	210°, 43%, 30%
HSV	210°, 60%, 44%
XYZ	6.5618, 6.9909, 16.0425
YIQ	71.0090, -30.5820, 3.5780

# Conversions

## Conversions Part 2

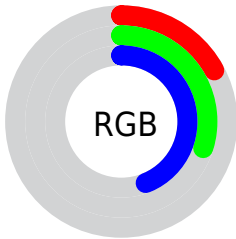
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 66, 111
Decimal	2903407
CIELab	31.79, -0.86, -23.24
CIELCh	32, 23.259, 267.882
Yxy	6.9909, 0.2217, 0.2362
Android (android.graphics.Color)	4281093487 (0xFF2C4D6F)
YUV	71.0090, 19.7156, -23.6869
Hunter-Lab	26.4404, -1.9714, -17.4655

# Details

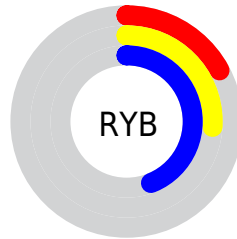
The Hex color **2C4D6F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6F4E2C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **607EA3**, and **00213F** is the 20% darker color. If you saturate the color by 10%, you get **21476F**, and if you desaturate by 10%, it is **37536F**.

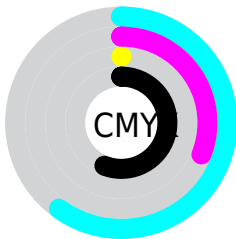
# Distribution



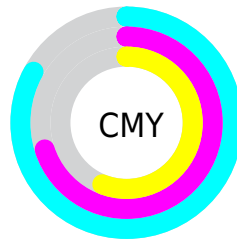
- Red (17%)
- Green (30%)
- Blue (44%)



- Red (17%)
- Yellow (26%)
- Blue (44%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (56%)



- Cyan (83%)
- Magenta (70%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C4D6F 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 2C4D6F by changing the saturation by 10% instead.





2C4D6F



2C4D6F

FFFFFF



0F3656



607EA3



00213F



7A98BE



000A29



95B2DA



000113



B0CEF6



000000



CCEAFF



E9FFFF



2C4D6F



2C4D6F



21476F



37536F

■ 16426F

■ 42586F

■ 0B3C6F

■ 4D5E6F

■ 00376F

■ 58646F

■ 64696F

■ 6F6F6F

■ 7A746F

■ 857A6F

■ 90806F

# Harmonies

## Analogous

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



005269



2C4D6F



4B476B

# Triad

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



2C4D6F



6D3E3B



2F5337

# Complementary

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



2C4D6F



6F4E2C

# 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.



454F2A



2C4D6F



66432C

# Square

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



2C4D6F



6C3C4D



584926



125449

# Rectangle

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



2C4D6F



5A4263



584926



375132



# Sweetspot

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



2C4D6F



778491



2C6F4E



3A424A



C9C9C9



4A4A4A



# Same Dimension

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



2C4D6F



295C91



2C2C6F



323538



003B78



007AF7



# Inverse Universe

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



6F2C4D



91295C



6F6F2C



383235



78003B

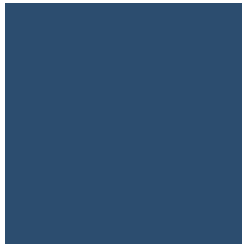


F7007A



# Previews

## White Background



This preview shows how the Hex color 2C4D6F looks on a white background.

## Color Contrast Check

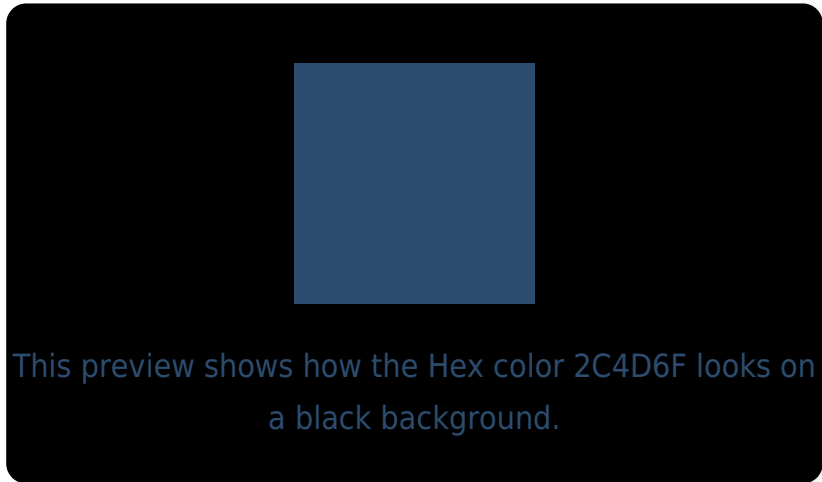
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 2C4D6F Background



This preview shows how black text looks on a background with the Hex color 2C4D6F.



This preview shows how white text looks on a background with the Hex color 2C4D6F.

# 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**  
2C4D6F

**Protanopia**  
3F496C

**Deuteranopia**  
3A4A70



**Tritanopia**  
225158

# Trichromacy



**Original Color**  
2C4D6F

**Protanomaly**  
384A6D

**Deuteranomaly**  
354B70

**Tritanomaly**  
265060

# Monochromacy



**Original Color**  
2C4D6F

**Achromatopsia**  
474747

**Achromatomaly**  
3D4956

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C4D6F 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 #2C4D6F looks like.

```
.text, #text, p{  
    color:#2C4D6F  
}
```

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 #2C4D6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4D6F
}
```

## Border

The CSS property to change the border of an element to Hex 2C4D6F 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
#2C4D6F }
```

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

```
.border{ border-color:#2C4D6F }
```

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

Here you see how a box with a 4 pixel #2C4D6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4D6F; -webkit-box-shadow:4px 4px  
4px 4px #2C4D6F; box-shadow:4px 4px 4px  
4px #2C4D6F }
```

# Background

The CSS property to change the background color of an element to Hex 2C4D6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4D6F }
```

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

```
.background{ background-color:#2C4D6F }
```

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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