

# Converting Colors

Hex(4F5096)

Have a look what the booklet for  
Hex(4F5096) contains.

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# Color

**Hex(4F5096)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F5096
RGB	79, 80, 150
RGB Percent	31%, 31%, 59%
CMY	0.6902, 0.6863, 0.4118
CMYK	0.47, 0.47, 0.00, 0.41
HSL	239°, 31%, 45%
HSV	239°, 47%, 59%
XYZ	11.5981, 9.6016, 30.0962
YIQ	87.6810, -23.0660, 21.5580

# Conversions

## Conversions Part 2

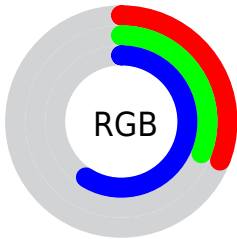
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 80, 150
Decimal	5197974
CIE <sub>Lab</sub>	37.12, 19.05, -38.70
CIE <sub>LCh</sub>	37, 43.131, 296.204
Yxy	9.6016, 0.2261, 0.1872
Android (android.graphics.Color)	4283388054 (0xFF4F5096)
YUV	87.6810, 30.7233, -7.6132
Hunter-Lab	30.9864, 12.5857, -35.8960

# Details

The Hex color **4F5096** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96954F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8481CD**, and **182463** is the 20% darker color. If you saturate the color by 10%, you get **404196**, and if you desaturate by 10%, it is **5E5F96**.

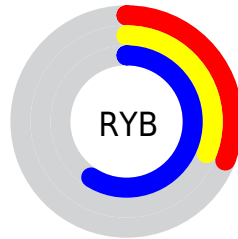
# Distribution



Red (31%)

Green (31%)

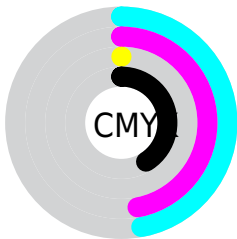
Blue (59%)



Red (31%)

Yellow (31%)

Blue (59%)

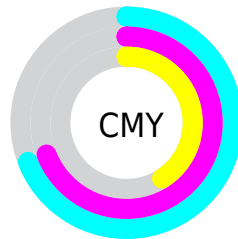


Cyan (47%)

Magenta (47%)

Yellow (0%)

Black (41%)



Cyan (69%)

Magenta (69%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5096 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 4F5096 by changing the saturation by 10% instead.



■ 4F5096

■ 4F5096

FFFFFF

■ 35397C

■ 8481CD

■ 182463

■ 9F9BE9

■ 00104A

■ BBB6FF

■ 000033

■ D8D2FF

■ 00021D

■ F5EEFF

■ 000000

■ 4F5096

■ 4F5096

■ 404196

■ 5E5F96

■ 313296

■ 6D6E96

■ 222496

■ 7C7C96

■ 131596

■ 8B8B96

■ 040696

■ 9A9A96

■ 000296

■ A9A996

■ B8B896

■ C7C696

■ D6D596

# Harmonies

## Analogous

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



005D9D



4F5096



7D407E

# Triad

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



4F5096



86461D



006752

# Complementary

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



4F5096



96954F

# 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.



18652F



4F5096



6D5407

# Square

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



4F5096



95393B



4B5E11



006775

# Rectangle

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



4F5096



8E3869



4B5E11



006746



# Sweetspot

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



4F5096



A7A7C2



4F9695



505161



E0E0E0



616161



# Same Dimension

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



4F5096



5355C2



714F96



43434A



00028A



00000A



# Inverse Universe

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



964F50



C25355



74964F



4A4343



8A0002



0A0000



# Previews

## White Background



This preview shows how the Hex color 4F5096 looks on a white background.

## Color Contrast Check

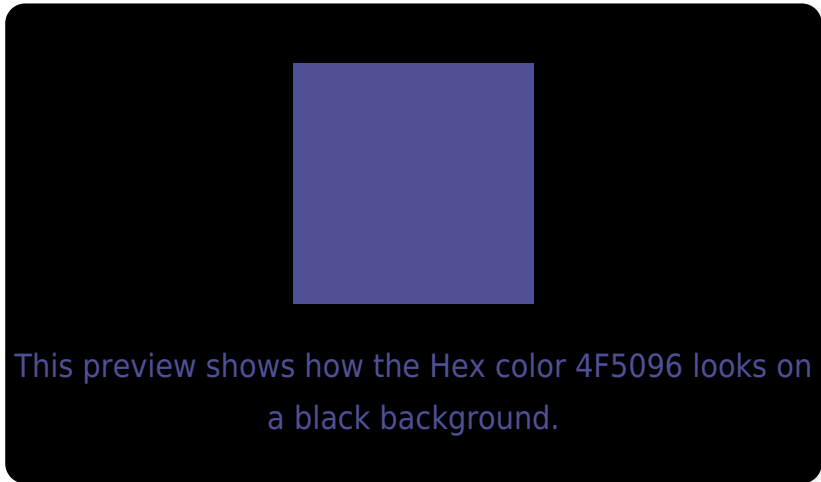
Large Text (above 18pt) WCAG AA ✓ Pass

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

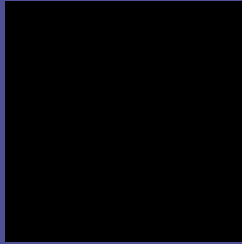
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F5096 Background



This preview shows how black text looks on a background with the Hex color 4F5096.



This preview shows how white text looks on a background with the Hex color 4F5096.

# 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**  
4F5096

**Protanopia**  
37559B

**Deuteranopia**  
2B5894



**Tritanopia**  
405C63

# Trichromacy



**Original Color**  
4F5096

**Protanomaly**  
405399

**Deuteranomaly**  
385595

**Tritanomaly**  
455876

# Monochromacy



**Original Color**  
4F5096

**Achromatopsia**  
585858

**Achromatomaly**  
55556F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5096 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 #4F5096 looks like.

```
.text, #text, p{  
    color:#4F5096  
}
```

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 #4F5096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5096
}
```

## Border

The CSS property to change the border of an element to Hex 4F5096 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
#4F5096 }
```

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

```
.border{ border-color:#4F5096 }
```

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

Here you see how a box with a 4 pixel #4F5096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5096; -webkit-box-shadow:4px 4px  
4px 4px #4F5096; box-shadow:4px 4px 4px  
4px #4F5096 }
```

# Background

The CSS property to change the background color of an element to Hex 4F5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5096 }
```

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

```
.background{ background-color:#4F5096 }
```

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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