

# Converting Colors

Hex(504A79)

Have a look what the booklet for  
Hex(504A79) contains.

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# Color

**Hex(504A79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	504A79
RGB	80, 74, 121
RGB Percent	31%, 29%, 47%
CMY	0.6863, 0.7098, 0.5255
CMYK	0.34, 0.39, 0.00, 0.53
HSL	248°, 24%, 38%
HSV	248°, 39%, 47%
XYZ	9.2082, 7.9835, 19.1448
YIQ	81.1520, -11.5110, 15.8890

# Conversions

## Conversions Part 2

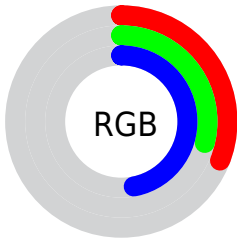
Format	Color
R <sub>Y</sub> B	80, 74, 121
Decimal	5261945
CIE Lab	33.95, 14.35, -25.93
CIE LCh	34, 29.631, 298.956
Yxy	7.9835, 0.2534, 0.2197
Android (android.graphics.Color)	4283452025 (0xFF504A79)
YUV	81.1520, 19.6451, -1.0103
Hunter-Lab	28.2551, 8.7261, -20.3945

# Details

The Hex color **504A79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73794A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **837BAE**, and **201E48** is the 20% darker color. If you saturate the color by 10%, you get **453E79**, and if you desaturate by 10%, it is **5B5679**.

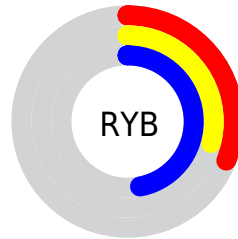
# Distribution



 Red (31%)


 Green (29%)

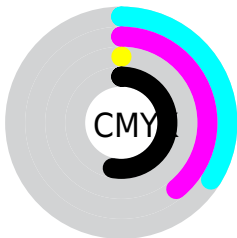
 Blue (47%)



 Red (31%)

 Yellow (29%)

 Blue (47%)

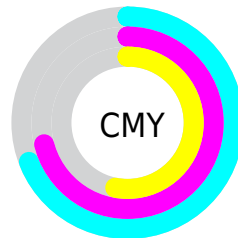


 Cyan (34%)

 Magenta (39%)

 Yellow (0%)

 Black (53%)



 Cyan (69%)

 Magenta (71%)

 Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 504A79 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 504A79 by changing the saturation by 10% instead.



■ 504A79

■ 504A79

FFFFFF

■ 383360

■ 837BAE

■ 201E48

■ 9D94C9

■ 0B0731

■ B9AFE5

■ 00011C

■ D4CBFF

■ 000000

■ F1E7FF

■ 504A79

■ 504A79

■ 453E79

■ 5B5679

■ 3B3279

■ 656279

■ 302679

■ 706E79

■ 261A79

■ 7A7A79

■ 1B0E79

■ 858779

■ 110179

■ 8F9379

■ 0F0079

■ 9A9F79

■ A4AB79

■ AFB779

# Harmonies

## Analogous

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



22537F



504A79



6C4168

# Triad

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



504A79



714628



005C4E

# Complementary

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



504A79



73794A

# 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.



295A37



504A79



5E4E1F

# Square

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



504A79



7B3E3A



475525



005B66

# Rectangle

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



504A79



773D5A



475525



035B46



# Sweetspot

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



504A79



8E8B9E



4A7479



45444F



CFCFCF



4F4F4F



# Same Dimension

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



504A79



5D549E



674A79



38373D



10007D



2000FC



# Inverse Universe

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



794A73



9E5495



5C794A



3D373C



7D006D



FC00DC



# Previews

## White Background



This preview shows how the Hex color 504A79 looks on a white background.

## Color Contrast Check

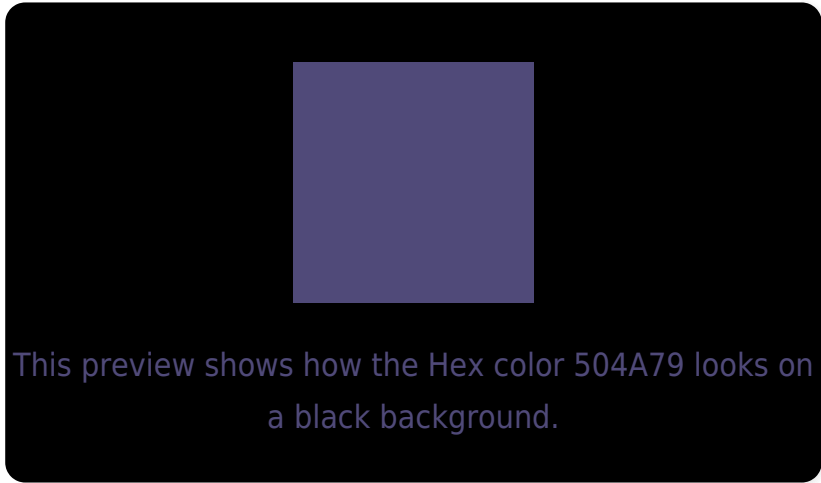
Large Text (above 18pt) WCAG AA ✓ Pass

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

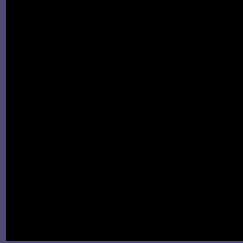
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 504A79 Background



This preview shows how black text looks on a background with the Hex color 504A79.



This preview shows how white text looks on a background with the Hex color 504A79.

# 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**  
504A79

**Protanopia**  
3F4E7D

**Deuteranopia**  
3D4F78



**Tritanopia**  
495158

# Trichromacy



**Original Color**  
504A79

**Protanomaly**  
454D7C

**Deuteranomaly**  
444D78

**Tritanomaly**  
4C4E64

# Monochromacy



**Original Color**  
504A79

**Achromatopsia**  
515151

**Achromatomaly**  
514E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 504A79 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 #504A79 looks like.

```
.text, #text, p{  
    color:#504A79  
}
```

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 #504A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504A79
}
```

## Border

The CSS property to change the border of an element to Hex 504A79 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
#504A79 }
```

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

```
.border{ border-color:#504A79 }
```

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

Here you see how a box with a 4 pixel #504A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504A79; -webkit-box-shadow:4px 4px  
4px 4px #504A79; box-shadow:4px 4px 4px  
4px #504A79 }
```

# Background

The CSS property to change the background color of an element to Hex 504A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504A79 }
```

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

```
.background{ background-color:#504A79 }
```

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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