

# Converting Colors

Hex(546199)

Have a look what the booklet for  
Hex(546199) contains.

<b>Hex(546199)</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(546199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	546199
RGB	84, 97, 153
RGB Percent	33%, 38%, 60%
CMY	0.6706, 0.6196, 0.4000
CMYK	0.45, 0.37, 0.00, 0.40
HSL	229°, 29%, 46%
HSV	229°, 45%, 60%
XYZ	13.6806, 12.7341, 31.8739
YIQ	99.4970, -25.7240, 14.6600

# Conversions

## Conversions Part 2

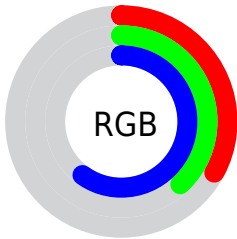
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 95, 153
Decimal	5530009
CIE <sub>Lab</sub>	42.36, 10.48, -32.18
CIE <sub>LCh</sub>	42, 33.841, 288.047
Yxy	12.7341, 0.2347, 0.2185
Android (android.graphics.Color)	4283720089 (0xFF546199)
YUV	99.4970, 26.3770, -13.5909
Hunter-Lab	35.6849, 5.9835, -27.9786

# Details

The Hex color **546199** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **998C54**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8993D0**, and **1F3366** is the 20% darker color. If you saturate the color by 10%, you get **455599**, and if you desaturate by 10%, it is **636D99**.

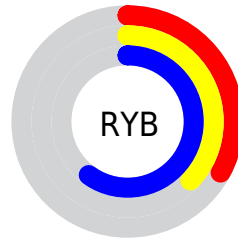
# Distribution



Red (33%)

Green (38%)

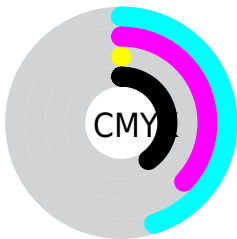
Blue (60%)



Red (33%)

Yellow (37%)

Blue (60%)

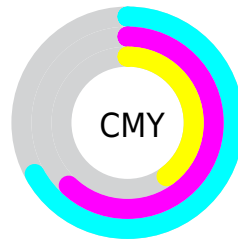


Cyan (45%)

Magenta (37%)

Yellow (0%)

Black (40%)



Cyan (67%)

Magenta (62%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 546199 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 546199 by changing the saturation by 10% instead.



■ 546199

■ 546199

FFFFFF

■ 3A497F

■ 8993D0

■ 1F3366

■ A4AEEC

■ 001E4D

■ C0C9FF

■ 000536

■ DCE5FF

■ 000220

■ F9FFFF

■ 000004

■ 000000

■ 546199

■ 546199

■ 455599

■ 636D99

■ 354899

■ 737A99

■ 263C99

■ 828699

■ 172F99

■ 919399

■ 082399

■ A19F99

■ 001D99

■ B0AC99

■ BFB899

■ CEC499

■ DED199

# Harmonies

## Analogous

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



086A9A



546199



7B568A

# Triad

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



546199



91543C



117258

# Complementary

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



546199



998C54

# 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.



446E3D



546199



7E5F2C

# Square

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



546199



994D54



64682D



007274

# Rectangle

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



546199



8C5079



64682D



28714E



# Sweetspot

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



546199



ABB0C7



54998B



535663



E3E3E3



636363



# Same Dimension

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



546199



5B70C7



695499



45464D



001A8C



00020D



# Inverse Universe

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



995461



C75B70



849954



4D4546



8C001A

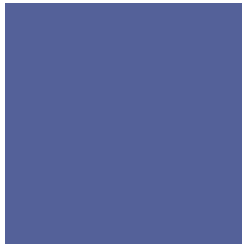


0D0002



# Previews

## White Background



This preview shows how the Hex color 546199 looks on a white background.

## Color Contrast Check

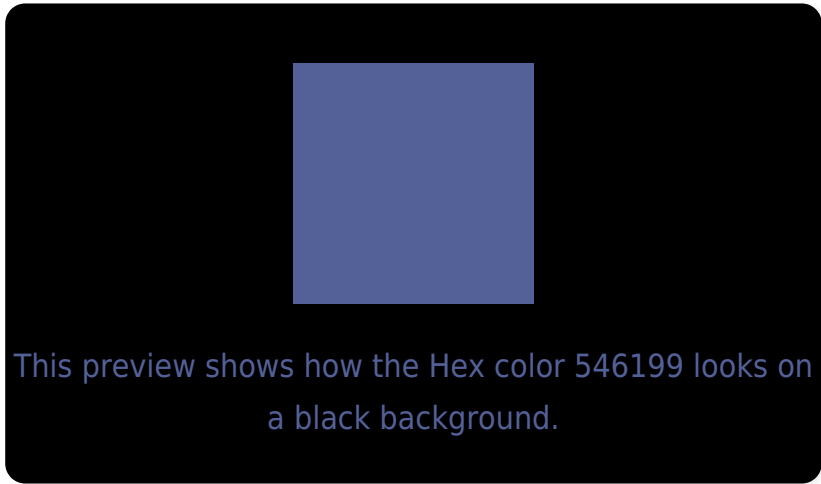
Large Text (above 18pt) WCAG AA ✓ Pass

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 546199 Background



This preview shows how black text looks on a background with the Hex color 546199.



This preview shows how white text looks on a background with the Hex color 546199.

# 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**

546199

**Protanopia**

50629A

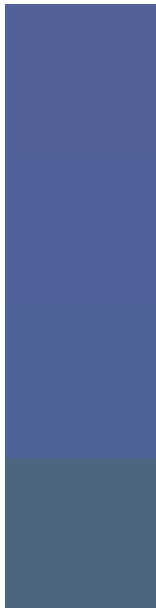
**Deuteranopia**

4A6498



**Tritanopia**  
496972

# Trichromacy



**Original Color**  
546199

**Protanomaly**  
51629A

**Deuteranomaly**  
4E6398

**Tritanomaly**  
4D6680

# Monochromacy



**Original Color**  
546199

**Achromatopsia**  
636363

**Achromatomaly**  
5E6277

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 546199 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 #546199 looks like.

```
.text, #text, p{  
    color:#546199  
}
```

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 #546199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546199
}
```

## Border

The CSS property to change the border of an element to Hex 546199 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
#546199 }
```

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

```
.border{ border-color:#546199 }
```

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

Here you see how a box with a 4 pixel #546199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546199; -webkit-box-shadow:4px 4px  
4px 4px #546199; box-shadow:4px 4px 4px  
4px #546199 }
```

# Background

The CSS property to change the background color of an element to Hex 546199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546199 }
```

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

```
.background{ background-color:#546199 }
```

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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