

# Converting Colors

Hex(546694)

Have a look what the booklet for  
Hex(546694) contains.

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# Color

**Hex(546694)**

# Conversions

## Conversions Part 1

Format	Color
Hex	546694
RGB	84, 102, 148
RGB Percent	33%, 40%, 58%
CMY	0.6706, 0.6000, 0.4196
CMYK	0.43, 0.31, 0.00, 0.42
HSL	223°, 28%, 45%
HSV	223°, 43%, 58%
XYZ	13.7528, 13.5257, 29.9028
YIQ	101.8620, -25.4940, 10.4900

# Conversions

## Conversions Part 2

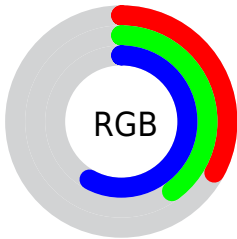
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 98, 148
Decimal	5531284
CIE <sub>Lab</sub>	43.54, 5.84, -27.34
CIE <sub>LCh</sub>	44, 27.954, 282.051
Yxy	13.5257, 0.2405, 0.2365
Android (android.graphics.Color)	4283721364 (0xFF546694)
YUV	101.8620, 22.7460, -15.6650
Hunter-Lab	36.7773, 2.3897, -22.4634

# Details

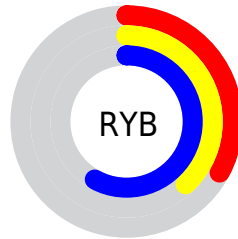
The Hex color **546694** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **948254**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8899CA**, and **213861** is the 20% darker color. If you saturate the color by 10%, you get **455B94**, and if you desaturate by 10%, it is **637194**.

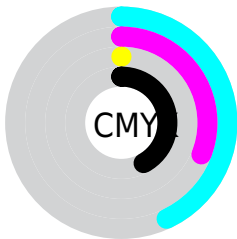
# Distribution



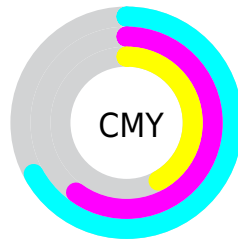
- Red (33%)
- Green (40%)
- Blue (58%)



- Red (33%)
- Yellow (38%)
- Blue (58%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (42%)



- Cyan (67%)
- Magenta (60%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 546694 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 546694 by changing the saturation by 10% instead.



■ 546694

■ 546694

FFFFFF

■ 3B4E7A

■ 8899CA

■ 213861

■ A3B4E6

■ 012249

■ BFCFFF

■ 000C32

■ DBEBFF

■ 00021D

■ F8FFFF

■ 000000

■ 546694

■ 546694

■ 455B94

■ 637194

■ 365194

■ 727B94

■ 284694

■ 808694

■ 193B94

■ 8F9194

■ 0A3194

■ 9E9B94

■ 002A94

■ ADA694

■ BCB094

■ CABB94

■ D9C694

# Harmonies

## Analogous

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



286D92



546694



755D89

# Triad

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



546694



905949



357258

# Complementary

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



546694



948254

# 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.



536F44



546694



82613B

# Square

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



546694



94555E



6D6939



087370

# Rectangle

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



546694



85587D



6D6939



407150



# Sweetspot

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



546694



A6ADBFB



549482



515661



E0E0E0



616161



# Same Dimension

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



546694



5C78BF



625494



43454A



00278A



00030A



# Inverse Universe

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



945466



BF5C78



869454



4A4345



8A0027

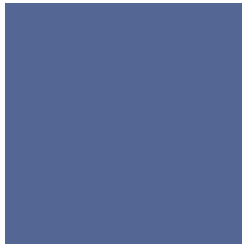


0A0003



# Previews

## White Background



This preview shows how the Hex color 546694 looks on a white background.

## Color Contrast Check

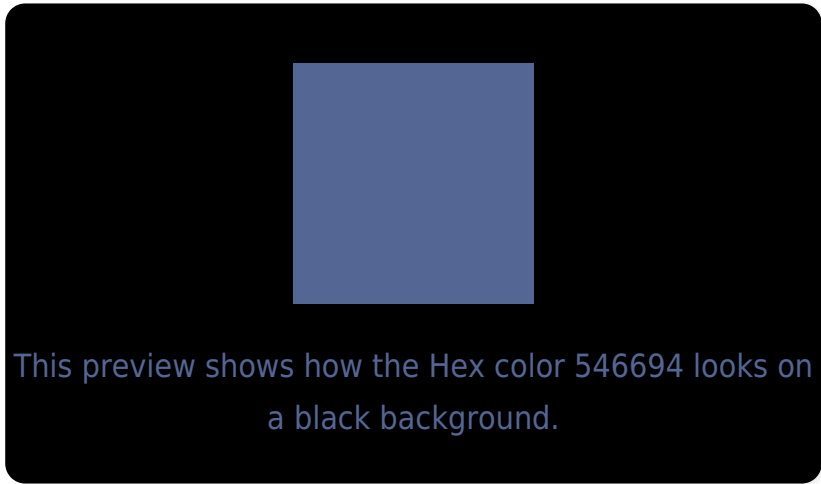
Large Text (above 18pt) WCAG AA ✓ Pass

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

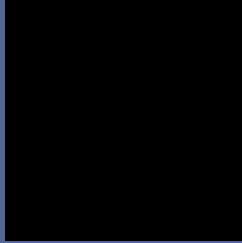
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

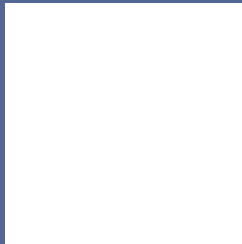
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 546694 Background



This preview shows how black text looks on a background with the Hex color 546694.

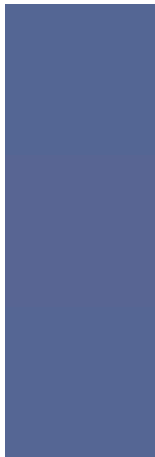


This preview shows how white text looks on a background with the Hex color 546694.

# 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**  
546694

**Protanopia**  
586593

**Deuteranopia**  
556694



**Tritanopia**  
4C6C75

# Trichromacy



**Original Color**

546694

**Protanomaly**

576593

**Deuteranomaly**

556694

**Tritanomaly**

4F6A80

# Monochromacy



**Original Color**

546694

**Achromatopsia**

666666

**Achromatomaly**

5F6677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 546694 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 #546694 looks like.

```
.text, #text, p{  
    color:#546694  
}
```

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 #546694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546694
}
```

## Border

The CSS property to change the border of an element to Hex 546694 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
#546694 }
```

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

```
.border{ border-color:#546694 }
```

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

Here you see how a box with a 4 pixel #546694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546694; -webkit-box-shadow:4px 4px  
4px 4px #546694; box-shadow:4px 4px 4px  
4px #546694 }
```

# Background

The CSS property to change the background color of an element to Hex 546694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546694 }
```

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

```
.background{ background-color:#546694 }
```

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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