

# Converting Colors

Hex(546678)

Have a look what the booklet for  
Hex(546678) contains.

<b>Hex(546678)</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(546678)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	546678
RGB	84, 102, 120
RGB Percent	33%, 40%, 47%
CMY	0.6706, 0.6000, 0.5294
CMYK	0.30, 0.15, 0.00, 0.53
HSL	210°, 18%, 40%
HSV	210°, 30%, 47%
XYZ	11.7977, 12.7436, 19.6073
YIQ	98.6700, -16.5060, 1.7820

# Conversions

## Conversions Part 2

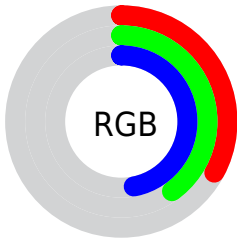
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 96, 120
Decimal	5531256
CIELab	42.37, -2.20, -12.29
CIElCh	42, 12.490, 259.862
Yxy	12.7436, 0.2672, 0.2887
Android (android.graphics.Color)	4283721336 (0xFF546678)
YUV	98.6700, 10.5157, -12.8656
Hunter-Lab	35.6982, -3.4805, -7.5763

# Details

The Hex color **546678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786654**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8699AC**, and **253748** is the 20% darker color. If you saturate the color by 10%, you get **486078**, and if you desaturate by 10%, it is **606C78**.

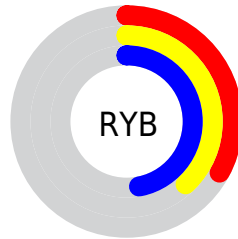
# Distribution



Red (33%)

Green (40%)

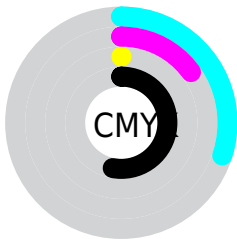
Blue (47%)



Red (33%)

Yellow (38%)

Blue (47%)

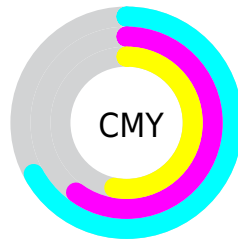


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (60%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 546678 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 546678 by changing the saturation by 10% instead.



■ 546678

■ 546678

FFFFFF

■ 3C4E5F

■ 8699AC

■ 253748

■ A1B4C8

■ 0F2231

■ BCCFE4

■ 000C1C

■ D8EBFF

■ 000000

■ F5FFFF

■ 546678

■ 546678

■ 486078

■ 606C78

■ 3C5A78

■ 6C7278

■ 305478

■ 787878

■ 244E78

■ 847E78

■ 184878

■ 908478

■ 0C4278

■ 9C8A78

■ 003C78

■ A89078

■ B49678

■ C09C78

# Harmonies

## Analogous

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



4A6973



546678



616377

# Triad

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



546678



7A5D5D



596857

# Complementary

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



546678



786654

# 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.



656551



546678



775F55

# Square

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



546678



775D68



6F6250



4E6A60

# Rectangle

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



546678



6A6074



6F6250



5D6754



# Sweetspot

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



546678



8E959C



547866



464B4F



CFCFCF



4F4F4F



# Same Dimension

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



546678



64809C



545478



373A3D



003E7D



007EFC



# Inverse Universe

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



785466



9C6480



787854



3D373A



7D003E



FC007E



# Previews

## White Background



This preview shows how the Hex color 546678 looks on a white background.

## Color Contrast Check

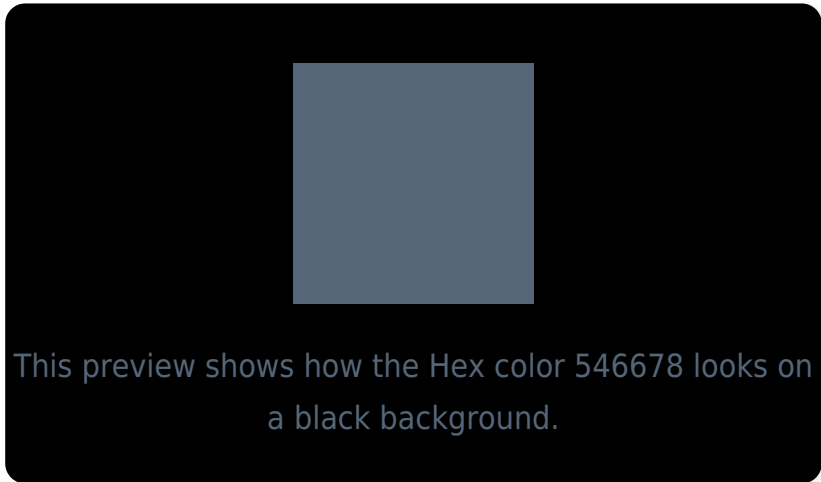
Large Text (above 18pt) WCAG AA ✓ Pass

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

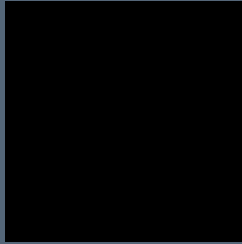
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

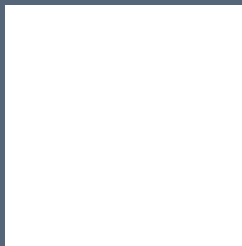
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 546678 Background



This preview shows how black text looks on a background with the Hex color 546678.

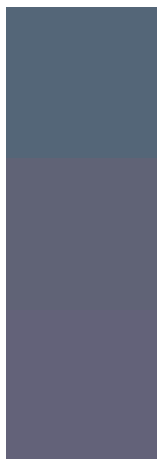


This preview shows how white text looks on a background with the Hex color 546678.

# 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**

546678

**Protanopia**

606376

**Deuteranopia**

636279



**Tritanopia**  
526770

# Trichromacy



**Original Color**  
546678

**Protanomaly**  
5C6477

**Deuteranomaly**  
5E6379

**Tritanomaly**  
536773

# Monochromacy



**Original Color**  
546678

**Achromatopsia**  
636363

**Achromatomaly**  
5E646B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 546678 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 #546678 looks like.

```
.text, #text, p{  
    color:#546678  
}
```

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 #546678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546678
}
```

## Border

The CSS property to change the border of an element to Hex 546678 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
#546678 }
```

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

```
.border{ border-color:#546678 }
```

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

Here you see how a box with a 4 pixel #546678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546678; -webkit-box-shadow:4px 4px  
4px 4px #546678; box-shadow:4px 4px 4px  
4px #546678 }
```

# Background

The CSS property to change the background color of an element to Hex 546678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546678 }
```

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

```
.background{ background-color:#546678 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor