

# Converting Colors

Hex(546978)

Have a look what the booklet for  
Hex(546978) contains.

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# Color

**Hex(546978)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	546978
RGB	84, 105, 120
RGB Percent	33%, 41%, 47%
CMY	0.6706, 0.5882, 0.5294
CMYK	0.30, 0.13, 0.00, 0.53
HSL	205°, 18%, 40%
HSV	205°, 30%, 47%
XYZ	12.0979, 13.3440, 19.7073
YIQ	100.4310, -17.3310, 0.2130

# Conversions

## Conversions Part 2

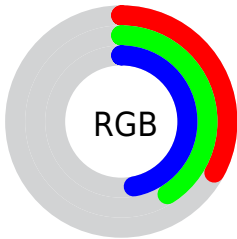
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 97, 120
Decimal	5532024
CIELab	43.28, -3.99, -10.93
CIELCh	43, 11.636, 249.938
Yxy	13.3440, 0.2680, 0.2956
Android (android.graphics.Color)	4283722104 (0xFF546978)
YUV	100.4310, 9.6475, -14.4100
Hunter-Lab	36.5295, -4.8107, -6.4158

# Details

The Hex color **546978** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786354**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **869CAC**, and **253A48** is the 20% darker color. If you saturate the color by 10%, you get **486478**, and if you desaturate by 10%, it is **606E78**.

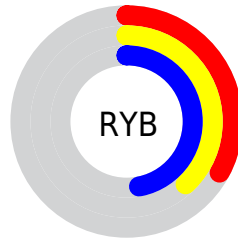
# Distribution



Red (33%)

Green (41%)

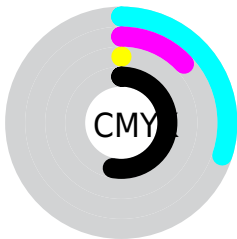
Blue (47%)



Red (33%)

Yellow (38%)

Blue (47%)

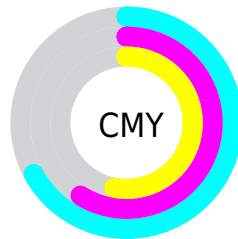


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (59%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 546978 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 546978 by changing the saturation by 10% instead.



■ 546978

■ 546978

FFFFFF

■ 3C515F

■ 869CAC

■ 253A48

■ A1B7C8

■ 0E2431

■ BCD3E4

■ 000F1C

■ D8EFFF

■ 000000

■ F5FFFF

■ 546978

■ 546978

■ 486478

■ 606E78

■ 3C5F78

■ 6C7378

■ 305A78

■ 787878

■ 245578

■ 847D78

■ 185078

■ 908278

■ 0C4B78

■ 9C8778

■ 004678

■ A88C78

■ B49178

■ C09678

# Harmonies

## Analogous

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



4D6B72



546978



606679

# Triad

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



546978



7A6063



606957

# Complementary

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



546978



786354

# 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.



6A6753



546978



79615A

# Square

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



546978



76606D



746354



556B5F

# Rectangle

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



546978



686477



746354



636955



# Sweetspot

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



546978



8E969C



547863



464B4F



CFCFCF



4F4F4F



# Same Dimension

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



546978



64849C



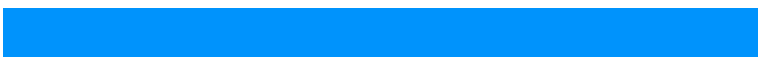
545778



373B3D



00497D



0093FC



# Inverse Universe

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



785469



9C6484



787554



3D373B



7D0049



FC0093



# Previews

## White Background



This preview shows how the Hex color 546978 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

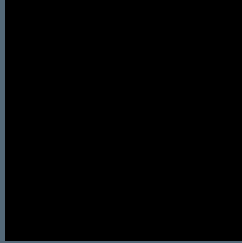
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

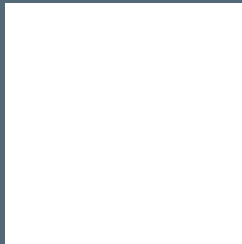
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 546978 Background



This preview shows how black text looks on a background with the Hex color 546978.



This preview shows how white text looks on a background with the Hex color 546978.

# 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**  
546978

**Protanopia**  
636575

**Deuteranopia**  
676479



**Tritanopia**  
536A72

# Trichromacy



**Original Color**  
546978

**Protanomaly**  
5E6676

**Deuteranomaly**  
606679

**Tritanomaly**  
536A74

# Monochromacy



**Original Color**  
546978

**Achromatopsia**  
646464

**Achromatomaly**  
5E666B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 546978 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 #546978 looks like.

```
.text, #text, p{  
    color:#546978  
}
```

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 #546978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546978
}
```

## Border

The CSS property to change the border of an element to Hex 546978 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
#546978 }
```

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

```
.border{ border-color:#546978 }
```

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

Here you see how a box with a 4 pixel #546978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546978; -webkit-box-shadow:4px 4px  
4px 4px #546978; box-shadow:4px 4px 4px  
4px #546978 }
```

# Background

The CSS property to change the background color of an element to Hex 546978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546978 }
```

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

```
.background{ background-color:#546978 }
```

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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