

# Converting Colors

Hex(545F74)

Have a look what the booklet for  
Hex(545F74) contains.

<b>Hex(545F74)</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(545F74)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	545F74
RGB	84, 95, 116
RGB Percent	33%, 37%, 45%
CMY	0.6706, 0.6275, 0.5451
CMYK	0.28, 0.18, 0.00, 0.55
HSL	219°, 16%, 39%
HSV	219°, 28%, 45%
XYZ	10.9008, 11.3302, 18.1354
YIQ	94.1050, -13.2970, 4.1990

# Conversions

## Conversions Part 2

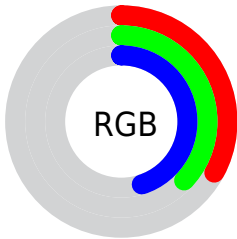
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 92, 116
Decimal	5529460
CIE <sub>Lab</sub>	40.13, 0.98, -13.26
CIE <sub>LCh</sub>	40, 13.299, 274.237
Yxy	11.3302, 0.2700, 0.2807
Android (android.graphics.Color)	4283719540 (0xFF545F74)
YUV	94.1050, 10.7942, -8.8621
Hunter-Lab	33.6603, -1.0992, -8.3818

# Details

The Hex color **545F74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746954**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8691A8**, and **263144** is the 20% darker color. If you saturate the color by 10%, you get **485774**, and if you desaturate by 10%, it is **606774**.

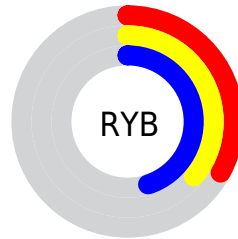
# Distribution



Red (33%)

Green (37%)

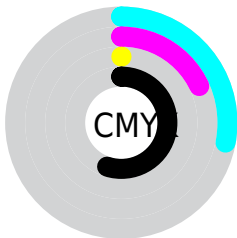
Blue (45%)



Red (33%)

Yellow (36%)

Blue (45%)

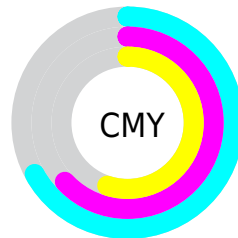


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (63%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 545F74 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 545F74 by changing the saturation by 10% instead.



■ 545F74

■ 545F74

FFFFFF

■ 3C475B

■ 8691A8

■ 263144

■ A1ACC3

■ 101C2E

■ BCC7DF

■ 000119

■ D8E3FC

■ 000000

■ F4FFFF

■ 545F74

■ 545F74

■ 485774

■ 606774

■ 3D5074

■ 6B6E74

■ 314874

■ 777674

■ 264174

■ 827D74

■ 1A3974

■ 8E8574

■ 0E3174

■ 9A8D74

■ 032A74

■ A59474

■ 002874

■ B19C74

■ BCA474

# Harmonies

## Analogous

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



476272



545F74



625B70

# Triad

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



545F74



755853



4D6455

# Complementary

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



545F74



746954

# 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.



59624C



545F74



6F5B4B

# Square

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



545F74



74575D



655E49



446560

# Rectangle

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



545F74



6B596B



655E49



516352



# Sweetspot

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



545F74



8A8F96



547469



45474D



CCCCCC



4D4D4D



# Same Dimension

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



545F74



657696



595474



35373B



002A7A



0056FA



# Inverse Universe

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



74545F



966576



6F7454



3B3537



7A002A



FA0056



# Previews

## White Background



This preview shows how the Hex color 545F74 looks on a white background.

## Color Contrast Check

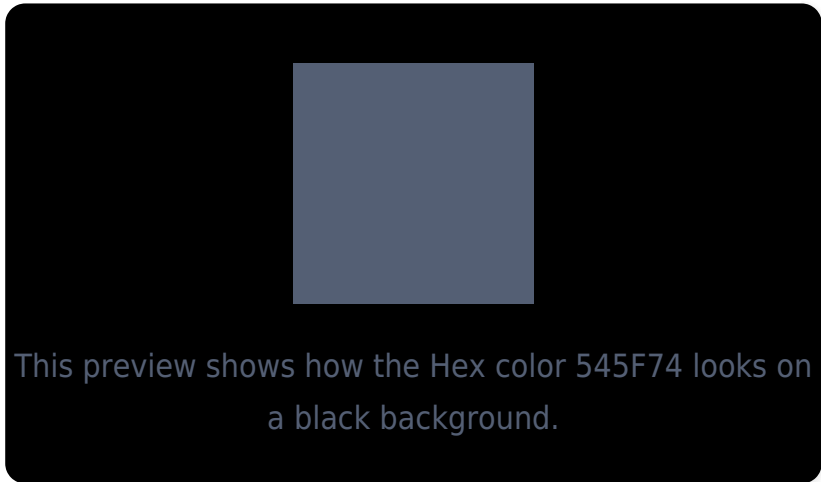
Large Text (above 18pt) WCAG AA ✓ Pass

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

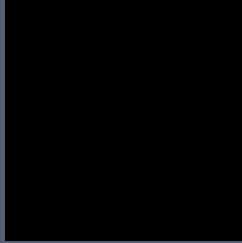
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

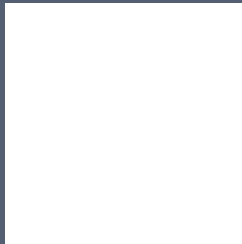
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 545F74 Background



This preview shows how black text looks on a background with the Hex color 545F74.

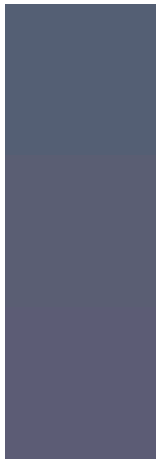


This preview shows how white text looks on a background with the Hex color 545F74.

# 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**  
545F74

**Protanopia**  
5A5E73

**Deuteranopia**  
5C5C75



**Tritanopia**  
526169

# Trichromacy



**Original Color**

545F74

**Protanomaly**

585E73

**Deuteranomaly**

595D75

**Tritanomaly**

53606D

# Monochromacy



**Original Color**

545F74

**Achromatopsia**

5E5E5E

**Achromatomaly**

5A5E66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 545F74 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 #545F74 looks like.

```
.text, #text, p{  
    color:#545F74  
}
```

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 #545F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545F74
}
```

## Border

The CSS property to change the border of an element to Hex 545F74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

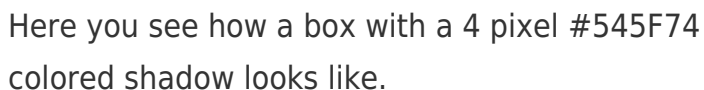
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545F74 }
```

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

```
.border{ border-color:#545F74 }
```

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



Here you see how a box with a 4 pixel #545F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545F74; -webkit-box-shadow:4px 4px  
4px 4px #545F74; box-shadow:4px 4px 4px  
4px #545F74 }
```

# Background

The CSS property to change the background color of an element to Hex 545F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545F74 }
```

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

```
.background{ background-color:#545F74 }
```

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