

Converting Colors

Hex(545F7A)

Have a look what the booklet for
Hex(545F7A) contains.

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Color

Hex(545F7A)

Conversions

Conversions Part 1

Format	Color
Hex	545F7A
RGB	84, 95, 122
RGB Percent	33%, 37%, 48%
CMY	0.6706, 0.6275, 0.5216
CMYK	0.31, 0.22, 0.00, 0.52
HSL	223°, 18%, 40%
HSV	223°, 31%, 48%
XYZ	11.2612, 11.4744, 20.0336
YIQ	94.7890, -15.2230, 6.0650

Conversions

Conversions Part 2

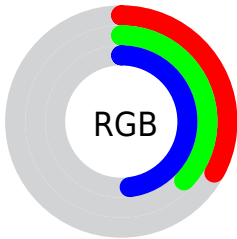
Format	Color
R_{YB}	84, 93, 122
Decimal	5529466
CIE _{Lab}	40.37, 2.61, -16.57
CIE _{LCh}	40, 16.771, 278.951
Yxy	11.4744, 0.2633, 0.2683
Android (android.graphics.Color)	4283719546 (0xFF545F7A)
YUV	94.7890, 13.4150, -9.4620
Hunter-Lab	33.8738, 0.0623, -11.3535

Details

The Hex color **545F7A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A6F54**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8691AE**, and **253149** is the 20% darker color. If you saturate the color by 10%, you get **48567A**, and if you desaturate by 10%, it is **60687A**.

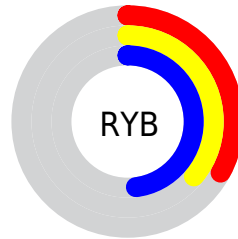
Distribution



 Red (33%)

 Green (37%)

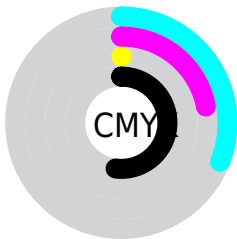
 Blue (48%)



 Red (33%)

 Yellow (36%)

 Blue (48%)

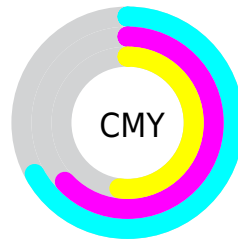


 Cyan (31%)

 Magenta (22%)

 Yellow (0%)

 Black (52%)



 Cyan (67%)

 Magenta (63%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545F7A 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 545F7A by changing the saturation by 10% instead.

■ 545F7A

■ 545F7A

FFFFFF

■ 3C4761

■ 8691AE

■ 253149

■ A1ACCA

■ 0E1C33

■ BCC7E6

■ 00011E

■ D8E3FF

■ 000000

■ F5FFFF

■ 545F7A

■ 545F7A

■ 48567A

■ 60687A

■ 3C4E7A

■ 6C707A

■ 2F457A

■ 79797A

■ 233C7A

■ 85827A

■ 17347A

■ 918A7A

■ 0B2B7A

■ 9D937A

■ 00237A

■ A99C7A

■ B6A47A

■ C2AD7A

Harmonies

Analogous

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



426378



545F7A



665A74

Triad

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



545F7A



7A574F



466655

Complementary

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



545F7A



7A6F54

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.



56634A



545F7A



725B46

Square

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



545F7A



7B555B



656044



3A6763

Rectangle

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



545F7A



70576D



656044



4B6551

Sweetspot

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



545F7A



90949E



547A6F



46494F



CFCFCF



4F4F4F

Same Dimension

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



545F7A



64759E



5C547A



37393D



00247D



0049FC

Inverse Universe

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



7A545F



9E6475



727A54



3D3739



7D0024



FC0049

Previews

White Background



This preview shows how the Hex color 545F7A looks on a white background.

Color Contrast Check

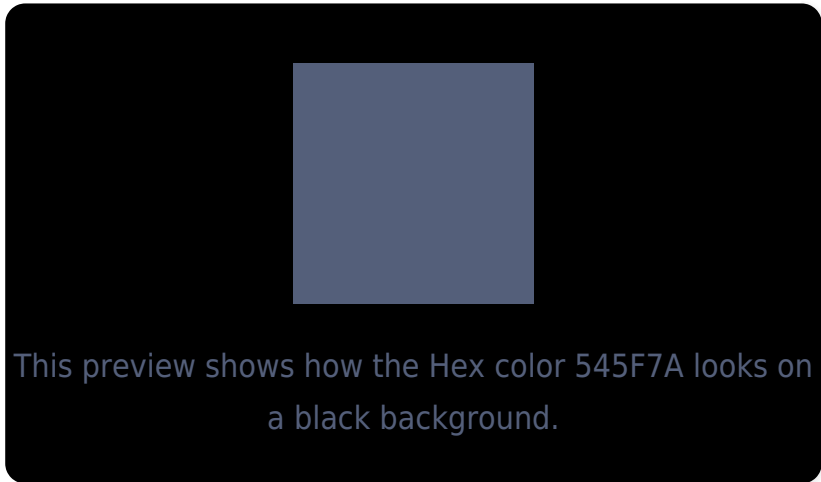
Large Text (above 18pt) WCAG AA ✓ Pass

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

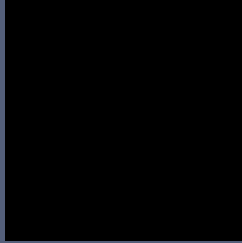
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

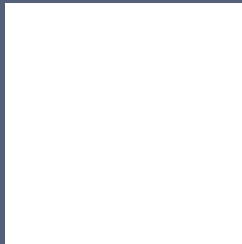
Any Text WCAG AAA × Fail

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

Hex 545F7A Background



This preview shows how black text looks on a background with the Hex color 545F7A.

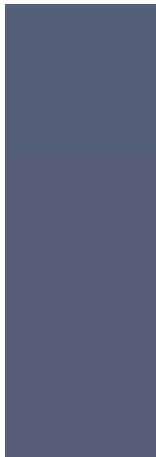


This preview shows how white text looks on a background with the Hex color 545F7A.

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](#).

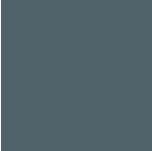
Dichromacy



Original Color
545F7A

Protanopia
585E79

Deuteranopia
5A5D7A



Tritanopia
50626A

Trichromacy



Original Color
545F7A

Protanomaly
575E79

Deuteranomaly
585E7A

Tritanomaly
516170

Monochromacy



Original Color
545F7A

Achromatopsia
5F5F5F

Achromatomaly
5B5F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 545F7A 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 #545F7A looks like.

```
.text, #text, p{  
  color:#545F7A  
}
```

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 #545F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545F7A
}
```

Border

The CSS property to change the border of an element to Hex 545F7A 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
#545F7A }
```

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

```
.border{ border-color:#545F7A }
```

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

Here you see how a box with a 4 pixel #545F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545F7A; -webkit-box-shadow:4px 4px  
4px 4px #545F7A; box-shadow:4px 4px 4px  
4px #545F7A }
```

Background

The CSS property to change the background color of an element to Hex 545F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545F7A }
```

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

```
.background{ background-color:#545F7A }
```

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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