

Converting Colors

Hex(545E7D)

Have a look what the booklet for
Hex(545E7D) contains.

Hex(545E7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(545E7D)

Conversions

Conversions Part 1

Format	Color
Hex	545E7D
RGB	84, 94, 125
RGB Percent	33%, 37%, 49%
CMY	0.6706, 0.6314, 0.5098
CMYK	0.33, 0.25, 0.00, 0.51
HSL	225°, 20%, 41%
HSV	225°, 33%, 49%
XYZ	11.3605, 11.3709, 20.9981
YIQ	94.5440, -15.9110, 7.5210

Conversions

Conversions Part 2

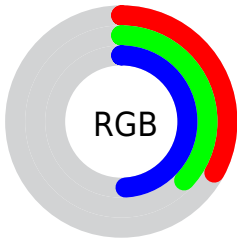
Format	Color
R_{YB}	84, 92, 125
Decimal	5529213
CIE _{Lab}	40.20, 4.06, -18.66
CIE _{LCh}	40, 19.093, 282.282
Yxy	11.3709, 0.2598, 0.2600
Android (android.graphics.Color)	4283719293 (0xFF545E7D)
YUV	94.5440, 15.0148, -9.2471
Hunter-Lab	33.7208, 1.1254, -13.3156

Details

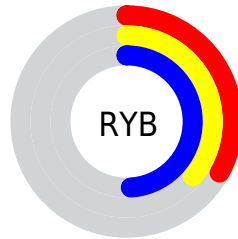
The Hex color **545E7D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D7354**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8790B2**, and **25304C** is the 20% darker color. If you saturate the color by 10%, you get **48557D**, and if you desaturate by 10%, it is **61677D**.

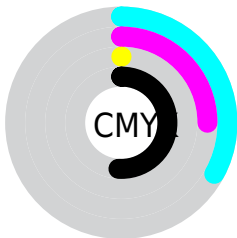
Distribution



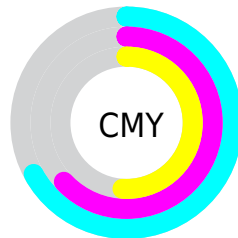
- Red (33%)
- Green (37%)
- Blue (49%)



- Red (33%)
- Yellow (36%)
- Blue (49%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (51%)



- Cyan (67%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545E7D 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 545E7D by changing the saturation by 10% instead.

■ 545E7D

■ 545E7D

FFFFFF

■ 3C4664

■ 8790B2

■ 25304C

■ A1ABCD

■ 0D1B35

■ BCC6E9

■ 000020

■ D8E2FF

■ 000004

■ F5FFFF

■ 000000

■ 545E7D

■ 545E7D

■ 48557D

■ 61677D

■ 3B4B7D

■ 6D717D

■ 2F427D

■ 7A7A7D

■ 22387D

■ 86847D

■ 162F7D

■ 938D7D

■ 09257D

■ 9F977D

■ 001E7D

■ ACA07D

■ B8AA7D

■ C5B37D

Harmonies

Analogous

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



3D637C



545E7D



695976

Triad

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



545E7D



7C564A



406755

Complementary

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



545E7D



7D7354

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.



526447



545E7D



725B41

Square

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



545E7D



7E5359



636040



316765

Rectangle

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



545E7D



74556E



636040



466650

Sweetspot

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



545E7D



9397A3



547D73



484A52



D1D1D1



525252

Same Dimension

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



545E7D



6473A3



5E547D



393B40



001F80



000000

Inverse Universe

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



7D545E



A36473



737D54



40393B



80001F



000000

Previews

White Background



This preview shows how the Hex color 545E7D looks on a white background.

Color Contrast Check

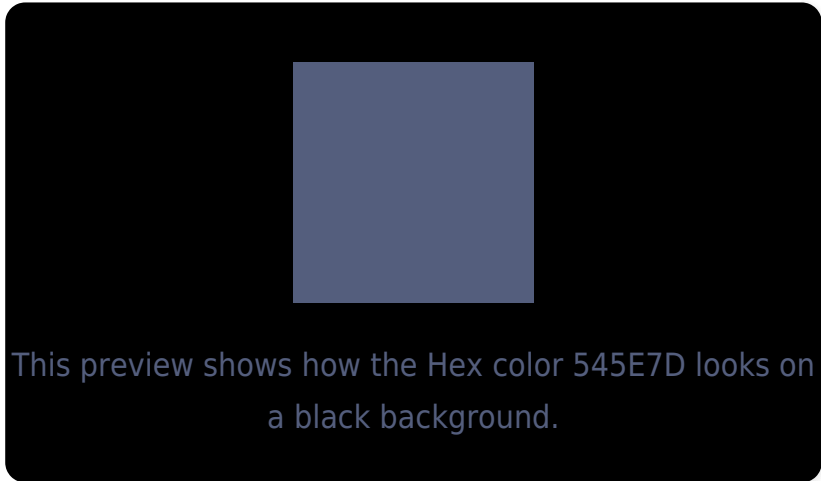
Large Text (above 18pt) WCAG AA ✓ Pass

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

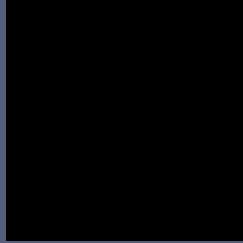
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

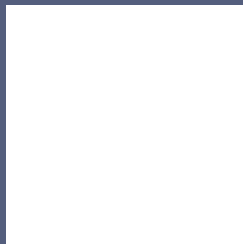
Any Text WCAG AAA × Fail

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

Hex 545E7D Background



This preview shows how black text looks on a background with the Hex color 545E7D.

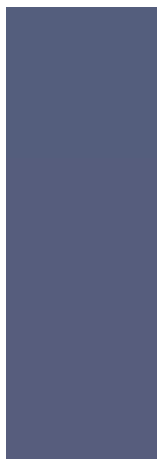


This preview shows how white text looks on a background with the Hex color 545E7D.

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

545E7D

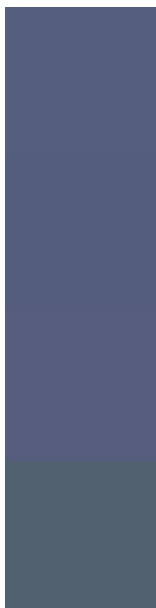
Protanopia

565D7D

Deuteranopia

575D7D

Trichromacy



Original Color

545E7D

Protanomaly

555D7D

Deuteranomaly

565D7D

Tritanomaly

516170

Monochromacy



Original Color

545E7D

Achromatopsia

5F5F5F

Achromatomaly

5B5F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 545E7D 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 #545E7D looks like.

```
.text, #text, p{  
    color:#545E7D  
}
```

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 #545E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545E7D
}
```

Border

The CSS property to change the border of an element to Hex 545E7D 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
#545E7D }
```

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

```
.border{ border-color:#545E7D }
```

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

Here you see how a box with a 4 pixel #545E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545E7D; -webkit-box-shadow:4px 4px  
4px 4px #545E7D; box-shadow:4px 4px 4px  
4px #545E7D }
```

Background

The CSS property to change the background color of an element to Hex 545E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545E7D }
```

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

```
.background{ background-color:#545E7D }
```

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