

Converting Colors

Hex(545C81)

Have a look what the booklet for
Hex(545C81) contains.

Hex(545C81)	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(545C81)

Conversions

Conversions Part 1

Format	Color
Hex	545C81
RGB	84, 92, 129
RGB Percent	33%, 36%, 51%
CMY	0.6706, 0.6392, 0.4941
CMYK	0.35, 0.29, 0.00, 0.49
HSL	229°, 21%, 42%
HSV	229°, 35%, 51%
XYZ	11.4458, 11.1241, 22.3128
YIQ	93.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

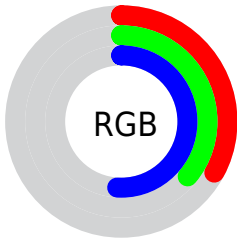
Format	Color
R_{YB}	84, 91, 129
Decimal	5528705
CIE _{Lab}	39.79, 6.44, -21.73
CIE _{LCh}	40, 22.660, 286.515
Yxy	11.1241, 0.2550, 0.2478
Android (android.graphics.Color)	4283718785 (0xFF545C81)
YUV	93.8260, 17.3408, -8.6174
Hunter-Lab	33.3528, 2.8888, -16.3176

Details

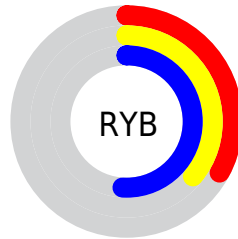
The Hex color **545C81** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **817954**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **878EB6**, and **242E50** is the 20% darker color. If you saturate the color by 10%, you get **475181**, and if you desaturate by 10%, it is **616781**.

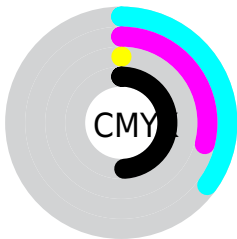
Distribution



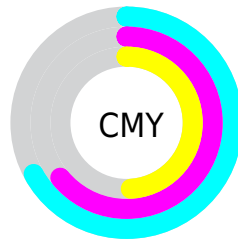
- Red (33%)
- Green (36%)
- Blue (51%)



- Red (33%)
- Yellow (36%)
- Blue (51%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545C81 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 545C81 by changing the saturation by 10% instead.

■ 545C81

■ 545C81

FFFFFF

■ 3C4568

■ 878EB6

■ 242E50

■ A2A8D2

■ 0B1A38

■ BDC4EE

■ 000023

■ D9E0FF

■ 00000A

■ F6FCFF

■ 000000

■ 545C81

■ 545C81

■ 475181

■ 616781

■ 3A4781

■ 6E7181

■ 2D3C81

■ 7B7C81

■ 203281

■ 888681

■ 142781

■ 959181

■ 071C81

■ A19C81

■ 001781

■ AEA681

■ BBB181

■ C8BB81

Harmonies

Analogous

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



366281



545C81



6D5577

Triad

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



545C81



7E5444



346755

Complementary

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



545C81



817954

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.



4B6544



545C81



725A3A

Square

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



545C81



825054



60603A



1F6868

Rectangle

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



545C81



78526D



60603A



3C674E

Sweetspot

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



545C81



979AA8



548179



4A4C54



D4D4D4



545454

Same Dimension

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



545C81



626EA8



625481



393B40



001780



000000

Inverse Universe

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



81545C



A8626E



738154



40393B



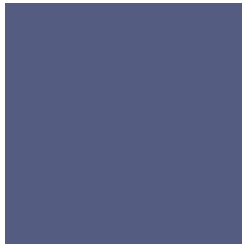
800017



000000

Previews

White Background



This preview shows how the Hex color 545C81 looks on a white background.

Color Contrast Check

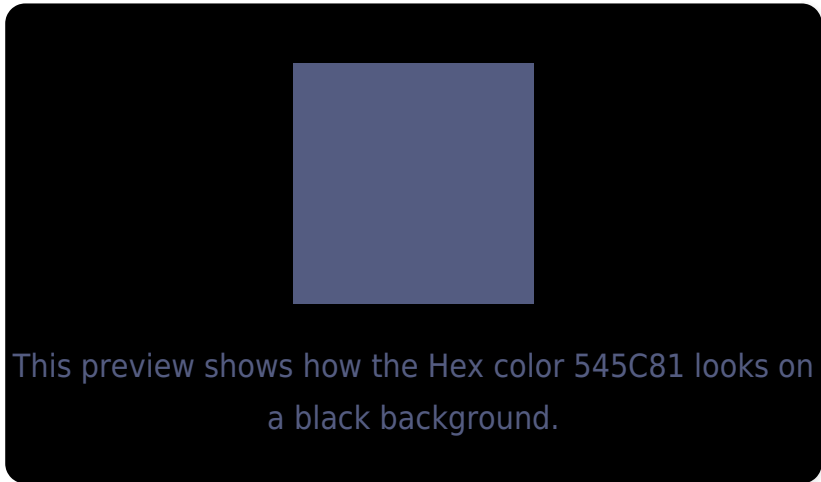
Large Text (above 18pt) WCAG AA ✓ Pass

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

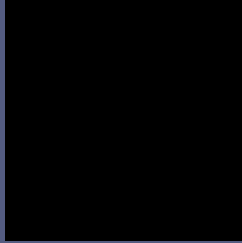
Any Text WCAG AA × Fail

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 545C81 Background



This preview shows how black text looks on a background with the Hex color 545C81.

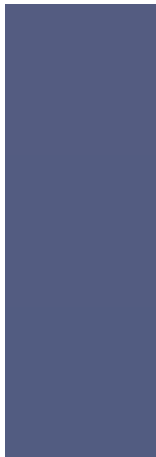


This preview shows how white text looks on a background with the Hex color 545C81.

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
545C81

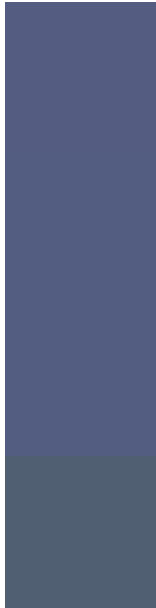
Protanopia
535C81

Deuteranopia
525C81



Tritanopia
4E6168

Trichromacy



Original Color
545C81

Protanomaly
535C81

Deuteranomaly
535C81

Tritanomaly
505F71

Monochromacy



Original Color
545C81

Achromatopsia
5E5E5E

Achromatomaly
5A5D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 545C81 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 #545C81 looks like.

```
.text, #text, p{  
    color:#545C81  
}
```

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 #545C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545C81
}
```

Border

The CSS property to change the border of an element to Hex 545C81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

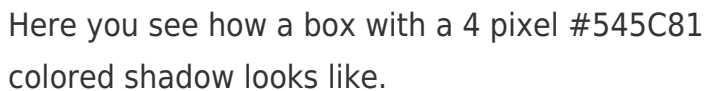
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545C81 }
```

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

```
.border{ border-color:#545C81 }
```

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



Here you see how a box with a 4 pixel #545C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545C81; -webkit-box-shadow:4px 4px  
4px 4px #545C81; box-shadow:4px 4px 4px  
4px #545C81 }
```

Background

The CSS property to change the background color of an element to Hex 545C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545C81 }
```

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

```
.background{ background-color:#545C81 }
```

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