

Converting Colors

Hex(545A74)

Have a look what the booklet for
Hex(545A74) contains.

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Color

Hex(545A74)

Conversions

Conversions Part 1

Format	Color
Hex	545A74
RGB	84, 90, 116
RGB Percent	33%, 35%, 45%
CMY	0.6706, 0.6471, 0.5451
CMYK	0.28, 0.22, 0.00, 0.55
HSL	229°, 16%, 39%
HSV	229°, 28%, 45%
XYZ	10.4647, 10.4581, 17.9901
YIQ	91.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

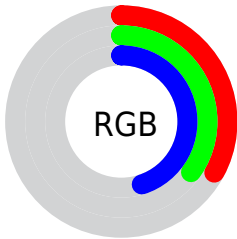
Format	Color
R_{YB}	84, 89, 116
Decimal	5528180
CIE _{Lab}	38.65, 4.07, -15.52
CIE _{LCh}	39, 16.043, 284.708
Yxy	10.4581, 0.2689, 0.2688
Android (android.graphics.Color)	4283718260 (0xFF545A74)
YUV	91.1700, 12.2412, -6.2881
Hunter-Lab	32.3390, 1.1683, -10.3455

Details

The Hex color **545A74** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **746E54**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **868CA8**, and **262D44** is the 20% darker color. If you saturate the color by 10%, you get **485174**, and if you desaturate by 10%, it is **606374**.

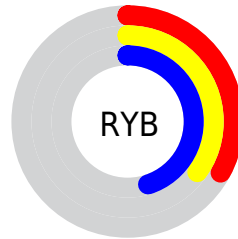
Distribution



Red (33%)

Green (35%)

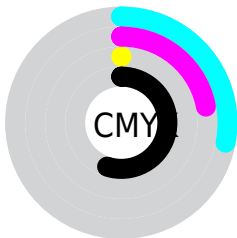
Blue (45%)



Red (33%)

Yellow (35%)

Blue (45%)

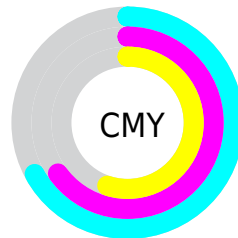


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (65%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545A74 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 545A74 by changing the saturation by 10% instead.



545A74



545A74

FFFFFF



3C435B



868CA8



262D44



A1A6C3



10182D



BCC1DF



000119



D8DDFC



000000



F4FAFF



545A74



545A74



485174



606374



3D4774



6B6D74

■ 313E74

■ 777674

■ 263474

■ 828074

■ 1A2B74

■ 8E8974

■ 0E2174

■ 9A9374

■ 031874

■ A59C74

■ 001674

■ B1A574

■ BCAF74

Harmonies

Analogous

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



425E74



545A74



65566E

Triad

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



545A74



735449



416254

Complementary

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



545A74



746E54

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.



4F6048



545A74



6B5842

Square

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



545A74



765255



5E5C42



366261

Rectangle

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



545A74



6E5366



5E5C42



456150

Sweetspot

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



545A74



8A8D96



54746E



45464D



CCCCCC



4D4D4D

Same Dimension

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



545A74



656E96



5E5474



35363B



00177A



002FFA

Inverse Universe

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



74545A



96656E



6A7454



3B3536



7A0017



FA002F

Previews

White Background



This preview shows how the Hex color 545A74 looks on a white background.

Color Contrast Check

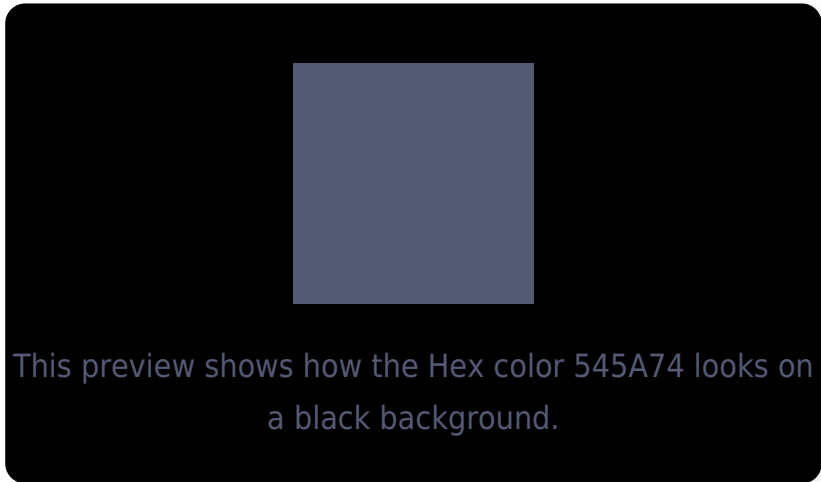
Large Text (above 18pt) WCAG AA ✓ Pass

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

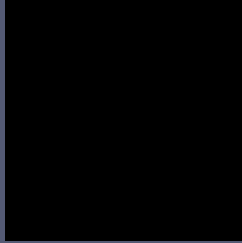
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

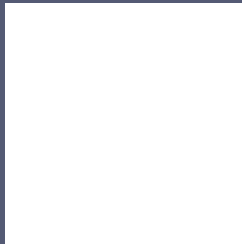
Any Text WCAG AAA × Fail

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

Hex 545A74 Background



This preview shows how black text looks on a background with the Hex color 545A74.



This preview shows how white text looks on a background with the Hex color 545A74.

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

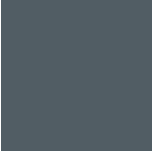
545A74

Protanopia

545A74

Deuteranopia

565974



Tritanopia
515D64

Trichromacy



Original Color

545A74

Protanomaly

545A74

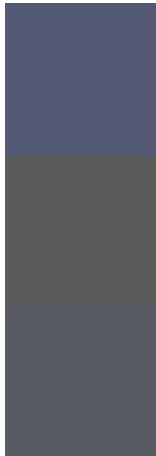
Deuteranomaly

555974

Tritanomaly

525C6A

Monochromacy



Original Color

545A74

Achromatopsia

5B5B5B

Achromatomaly

585B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 545A74 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 #545A74 looks like.

```
.text, #text, p{  
    color:#545A74  
}
```

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 #545A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545A74
}
```

Border

The CSS property to change the border of an element to Hex 545A74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

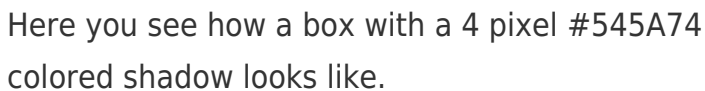
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545A74 }
```

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

```
.border{ border-color:#545A74 }
```

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



Here you see how a box with a 4 pixel #545A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545A74; -webkit-box-shadow:4px 4px  
4px 4px #545A74; box-shadow:4px 4px 4px  
4px #545A74 }
```

Background

The CSS property to change the background color of an element to Hex 545A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545A74 }
```

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

```
.background{ background-color:#545A74 }
```

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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