

Converting Colors

Hex(545766)

Have a look what the booklet for
Hex(545766) contains.

Hex(545766)	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(545766)

Conversions

Conversions Part 1

Format	Color
Hex	545766
RGB	84, 87, 102
RGB Percent	33%, 34%, 40%
CMY	0.6706, 0.6588, 0.6000
CMYK	0.18, 0.15, 0.00, 0.60
HSL	230°, 10%, 36%
HSV	230°, 18%, 40%
XYZ	9.4626, 9.6605, 13.9363
YIQ	87.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

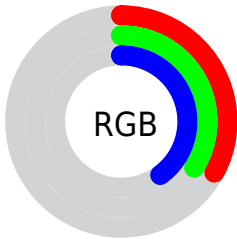
Format	Color
R _Y B	84, 87, 102
Decimal	5527398
CIE Lab	37.23, 2.31, -9.02
CIE LCh	37, 9.315, 284.382
Yxy	9.6605, 0.2862, 0.2922
Android (android.graphics.Color)	4283717478 (0xFF545766)
YUV	87.8130, 6.9942, -3.3440
Hunter-Lab	31.0814, -0.0486, -4.8276

Details

The Hex color **545766** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666354**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **868999**, and **272A37** is the 20% darker color. If you saturate the color by 10%, you get **4A4F66**, and if you desaturate by 10%, it is **5E6066**.

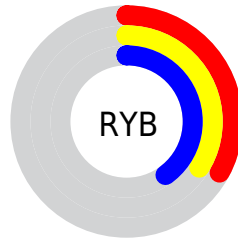
Distribution



Red (33%)

Green (34%)

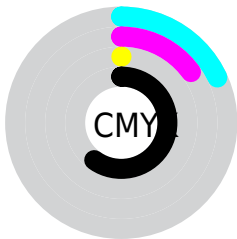
Blue (40%)



Red (33%)

Yellow (34%)

Blue (40%)

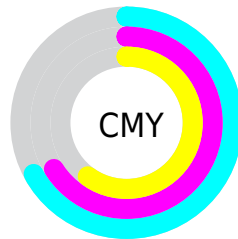


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (60%)



Cyan (67%)

Magenta (66%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545766 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 545766 by changing the saturation by 10% instead.

■ 545766

■ 545766

FFFFFF

■ 3D404E

■ 868999

■ 272A37

■ A0A3B4

■ 121622

■ BBECF

■ 00000A

■ D7DAEC

■ 000000

■ F3F6FF

■ 545766

■ 545766

■ 4A4F66

■ 5E6066

■ 404666

■ 686866

■ 353E66

■ 737166

■ 2B3566

■ 7D7966

■ 212D66

■ 878266

■ 172466

■ 918A66

■ 0D1C66

■ 9B9366

■ 021366

■ A69B66

■ 001166

■ B0A366

Harmonies

Analogous

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



4B5966



545766



5D5562

Triad

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



545766



66544D



495C53

Complementary

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



545766



666354

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.



515A4D



545766



615649

Square

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



545766



675254



5A5849



455C5B

Rectangle

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



545766



62535E



5A5849



4C5B51

Sweetspot

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



545766



7E7F85



546663



3E3F42



C2C2C2



424242

Same Dimension

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



545766



696D85



5A5466



2E2F33



001373



0028F2

Inverse Universe

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



665457



85696D



606654



332E2F



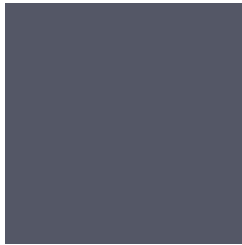
730013



F20028

Previews

White Background



This preview shows how the Hex color 545766 looks on a white background.

Color Contrast Check

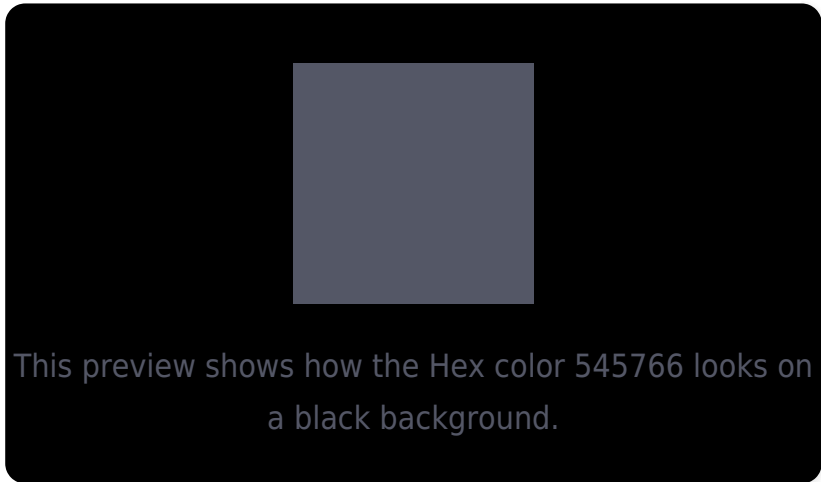
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

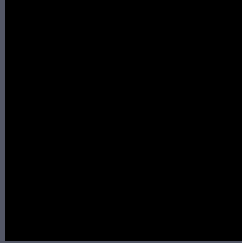
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

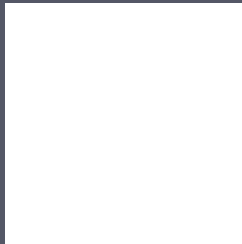
Any Text WCAG AAA × Fail

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

Hex 545766 Background



This preview shows how black text looks on a background with the Hex color 545766.

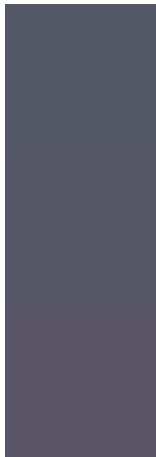


This preview shows how white text looks on a background with the Hex color 545766.

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
545766

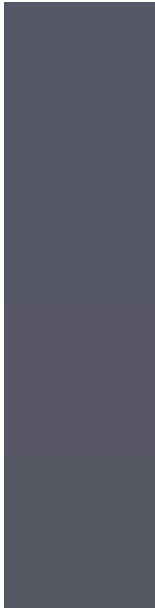
Protanopia
555766

Deuteranopia
595566



Tritanopia
53585F

Trichromacy



Original Color

545766

Protanomaly

555766

Deuteranomaly

575666

Tritanomaly

535862

Monochromacy



Original Color

545766

Achromatopsia

585858

Achromatomaly

57585D

CSS Examples

Text

The CSS property to change the color of the text to Hex 545766 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 #545766 looks like.

```
.text, #text, p{  
    color:#545766  
}
```

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 #545766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545766
}
```

Border

The CSS property to change the border of an element to Hex 545766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

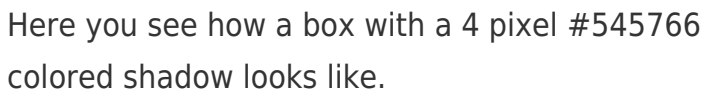
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545766 }
```

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

```
.border{ border-color:#545766 }
```

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



Here you see how a box with a 4 pixel #545766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545766; -webkit-box-shadow:4px 4px  
4px 4px #545766; box-shadow:4px 4px 4px  
4px #545766 }
```

Background

The CSS property to change the background color of an element to Hex 545766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545766 }
```

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

```
.background{ background-color:#545766 }
```

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