

Converting Colors

Hex(545D76)

Have a look what the booklet for
Hex(545D76) contains.

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Color

Hex(545D76)

Conversions

Conversions Part 1

Format	Color
Hex	545D76
RGB	84, 93, 118
RGB Percent	33%, 36%, 46%
CMY	0.6706, 0.6353, 0.5373
CMYK	0.29, 0.21, 0.00, 0.54
HSL	224°, 17%, 40%
HSV	224°, 29%, 46%
XYZ	10.8405, 11.0215, 18.6956
YIQ	93.1590, -13.3890, 5.8670

Conversions

Conversions Part 2

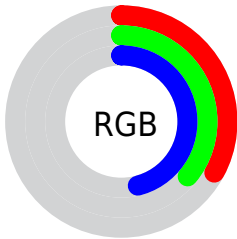
Format	Color
R_{YB}	84, 91, 118
Decimal	5528950
CIE _{Lab}	39.62, 2.75, -15.27
CIE _{LCh}	40, 15.517, 280.215
Yxy	11.0215, 0.2673, 0.2717
Android (android.graphics.Color)	4283719030 (0xFF545D76)
YUV	93.1590, 12.2466, -8.0324
Hunter-Lab	33.1987, 0.1887, -10.1496

Details

The Hex color **545D76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766D54**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **868FAA**, and **262F46** is the 20% darker color. If you saturate the color by 10%, you get **485476**, and if you desaturate by 10%, it is **606676**.

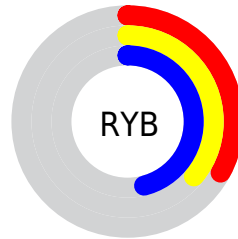
Distribution



Red (33%)

Green (36%)

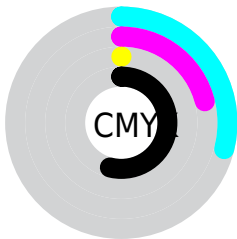
Blue (46%)



Red (33%)

Yellow (36%)

Blue (46%)

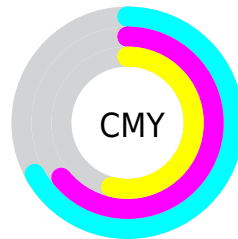


Cyan (29%)

Magenta (21%)

Yellow (0%)

Black (54%)



Cyan (67%)

Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545D76 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 545D76 by changing the saturation by 10% instead.

■ 545D76

■ 545D76

FFFFFF

■ 3C455D

■ 868FAA

■ 262F46

■ A1AAC5

■ 0F1B2F

■ BCC5E2

■ 00011B

■ D8E1FE

■ 000000

■ F4FDFD

■ 545D76

■ 545D76

■ 485476

■ 606676

■ 3C4C76

■ 6C6E76

■ 314376

■ 777776

■ 253A76

■ 838076

■ 193276

■ 8F8876

■ 0D2976

■ 9B9176

■ 012076

■ A79A76

■ 001F76

■ B2A276

■ BEAB76

Harmonies

Analogous

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



436175



545D76



655971

Triad

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



545D76



76564E



466454

Complementary

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



545D76



766D54

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.



54614A



545D76



6E5A46

Square

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



545D76



775459



625E44



3B6561

Rectangle

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



545D76



6E566A



625E44



4B6350

Sweetspot

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



545D76



8B8F99



54766D



44464D



CCCCCC



4D4D4D

Same Dimension

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



545D76



637299



5C5476



35363B



00207A



0042FA

Inverse Universe

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



76545D



996372



6E7654



3B3536



7A0020



FA0042

Previews

White Background



This preview shows how the Hex color 545D76 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

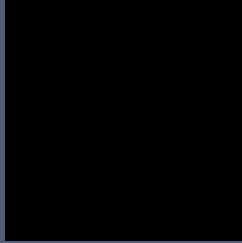
Any Text WCAG AA × Fail

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 545D76 Background



This preview shows how black text looks on a background with the Hex color 545D76.

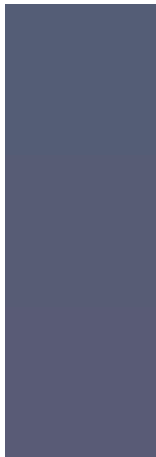


This preview shows how white text looks on a background with the Hex color 545D76.

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
545D76

Protanopia
575C75

Deuteranopia
595B76



Tritanopia
516067

Trichromacy



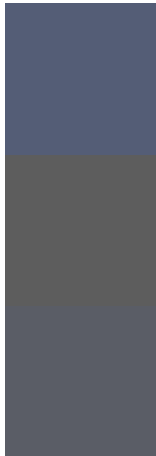
Original Color
545D76

Protanomaly
565C75

Deuteranomaly
575C76

Tritanomaly
525F6C

Monochromacy



Original Color
545D76

Achromatopsia
5D5D5D

Achromatomaly
5A5D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 545D76 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 #545D76 looks like.

```
.text, #text, p{  
    color:#545D76  
}
```

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 #545D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545D76
}
```

Border

The CSS property to change the border of an element to Hex 545D76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

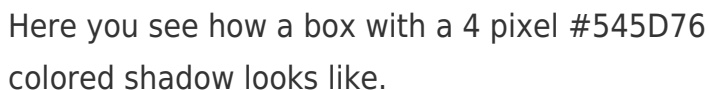
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545D76 }
```

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

```
.border{ border-color:#545D76 }
```

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



Here you see how a box with a 4 pixel #545D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545D76; -webkit-box-shadow:4px 4px  
4px 4px #545D76; box-shadow:4px 4px 4px  
4px #545D76 }
```

Background

The CSS property to change the background color of an element to Hex 545D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545D76 }
```

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

```
.background{ background-color:#545D76 }
```

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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