

# Converting Colors

Hex(545E5B)

Have a look what the booklet for  
Hex(545E5B) contains.

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# Color

Hex(545E5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	545E5B
RGB	84, 94, 91
RGB Percent	33%, 37%, 36%
CMY	0.6706, 0.6314, 0.6431
CMYK	0.11, 0.00, 0.03, 0.63
HSL	162°, 6%, 35%
HSV	162°, 11%, 37%
XYZ	9.5472, 10.6456, 11.4491
YIQ	90.6680, -4.9970, -3.0530

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	84, 90, 94
Decimal	5529179
CIE Lab	38.98, -4.54, 0.39
CIE LCh	39, 4.562, 175.110
Yxy	10.6456, 0.3017, 0.3364
Android (android.graphics.Color)	4283719259 (0xFF545E5B)
YUV	90.6680, 0.1637, -5.8478
Hunter-Lab	32.6275, -4.8670, 2.0342

# Details

The Hex color **545E5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5457**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **86908D**, and **27302D** is the 20% darker color. If you saturate the color by 10%, you get **4B5E58**, and if you desaturate by 10%, it is **5D5E5E**.

# Distribution



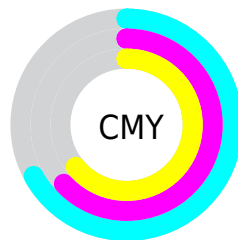
- Red (33%)
- Green (37%)
- Blue (36%)



- Red (33%)
- Yellow (35%)
- Blue (37%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (63%)



- Cyan (67%)
- Magenta (63%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 545E5B 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 545E5B by changing the saturation by 10% instead.





545E5B



545E5B

FFFFFF



3D4644



86908D



27302D



A0ABA7



131B19



BBC6C3



000000



D6E2DF



F3FFFB



545E5B



545E5B



4B5E58



5D5E5E



415E55



675E61

■ 385E53

■ 705E63

■ 2E5E50

■ 7A5E66

■ 255E4D

■ 835E69

■ 1C5E4A

■ 8C5E6C

■ 125E47

■ 965E6F

■ 095E44

■ 9F5E72

■ 005E42

■ A95E74

# Harmonies

## Analogous

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



575D57



545E5B



535E5F

# Triad

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



545E5B



5C5B62



635A56

# Complementary

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



545E5B



5E5457

# 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.



645959



545E5B



605A60

# Square

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



545E5B



575C63



63595D



605B54

# Rectangle

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



545E5B



535E61



63595D



635A57



# Sweetspot

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



545E5B



777A79



575E54



3B3D3C



BDBDBD



3D3D3D



# Same Dimension

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



545E5B



6A7A76



545C5E



292E2D



006E4D



00EDA6



# Inverse Universe

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



5E5457



7A6A6F



5E5654



2E292B



6E0021



ED0047



# Previews

## White Background



This preview shows how the Hex color 545E5B looks on a white background.

## Color Contrast Check

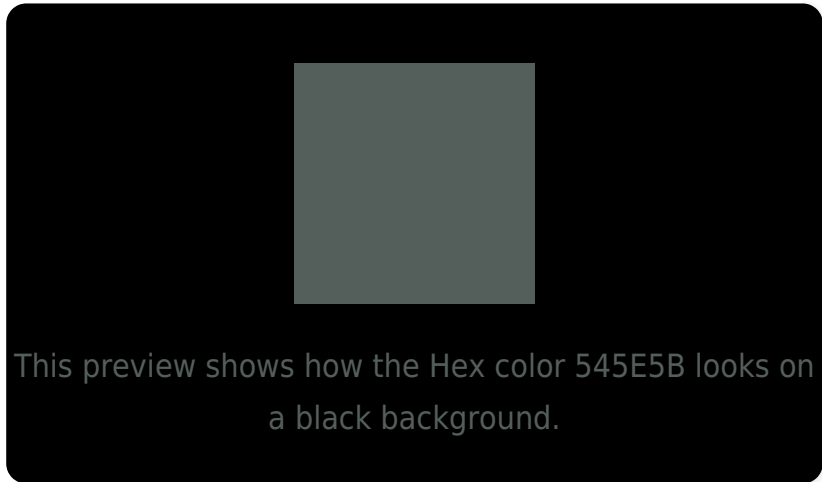
Large Text (above 18pt) WCAG AA ✓ Pass

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

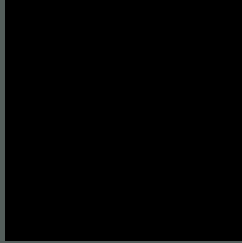
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

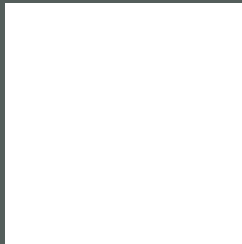
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 545E5B Background



This preview shows how black text looks on a background with the Hex color 545E5B.



This preview shows how white text looks on a background with the Hex color 545E5B.

# 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**  
545E5B

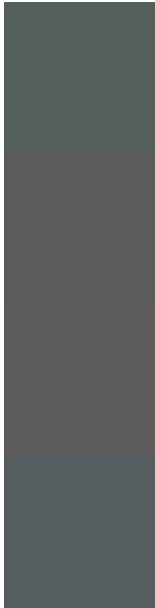
**Protanopia**  
5E5B59

**Deuteranopia**  
64595C



**Tritanopia**  
565D64

# Trichromacy



**Original Color**

545E5B

**Protanomaly**

5A5C5A

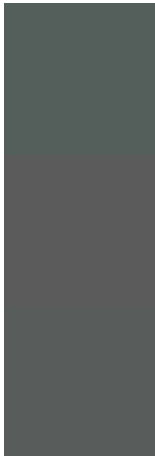
**Deuteranomaly**

5E5B5C

**Tritanomaly**

555D61

# Monochromacy



**Original Color**

545E5B

**Achromatopsia**

5B5B5B

**Achromatomaly**

585C5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 545E5B 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 #545E5B looks like.

```
.text, #text, p{  
    color:#545E5B  
}
```

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 #545E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545E5B
}
```

## Border

The CSS property to change the border of an element to Hex 545E5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

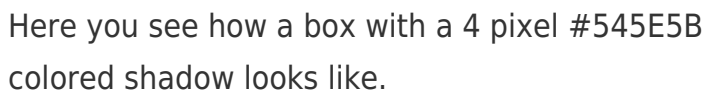
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545E5B }
```

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

```
.border{ border-color:#545E5B }
```

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



Here you see how a box with a 4 pixel #545E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545E5B; -webkit-box-shadow:4px 4px  
4px 4px #545E5B; box-shadow:4px 4px 4px  
4px #545E5B }
```

# Background

The CSS property to change the background color of an element to Hex 545E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545E5B }
```

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

```
.background{ background-color:#545E5B }
```

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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