

Converting Colors

Hex(545D5B)

Have a look what the booklet for
Hex(545D5B) contains.

Hex(545D5B)	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(545D5B)

Conversions

Conversions Part 1

Format	Color
Hex	545D5B
RGB	84, 93, 91
RGB Percent	33%, 36%, 36%
CMY	0.6706, 0.6353, 0.6431
CMYK	0.10, 0.00, 0.02, 0.64
HSL	167°, 5%, 35%
HSV	167°, 10%, 36%
XYZ	9.4588, 10.4689, 11.4197
YIQ	90.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

Format	Color
R_{YB}	84, 89, 93
Decimal	5528923
CIE _{Lab}	38.67, -3.95, -0.06
CIE _{LCh}	39, 3.946, 180.835
Yxy	10.4689, 0.3017, 0.3340
Android (android.graphics.Color)	4283719003 (0xFF545D5B)
YUV	90.0810, 0.4531, -5.3330
Hunter-Lab	32.3556, -4.4396, 1.7229

Details

The Hex color **545D5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D5456**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **868F8D**, and **272F2D** is the 20% darker color. If you saturate the color by 10%, you get **4B5D59**, and if you desaturate by 10%, it is **5D5D5D**.

Distribution



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



- Red (33%)
- Yellow (35%)
- Blue (36%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 545D5B 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 545D5B by changing the saturation by 10% instead.

■ 545D5B

■ 545D5B

FFFFFF

■ 3D4544

■ 868F8D

■ 272F2D

■ A0AAA7

■ 131A19

■ BBC5C3

■ 000000

■ D6E1DF

■ F3FEFB

■ 545D5B

■ 545D5B

■ 4B5D59

■ 5D5D5D

■ 415D57

■ 675D5F

■ 385D55

■ 705D61

■ 2F5D53

■ 795D63

■ 265D51

■ 835D65

■ 1C5D4F

■ 8C5D67

■ 135D4D

■ 955D69

■ 0A5D4A

■ 9E5D6C

■ 005D48

■ A85D6E

Harmonies

Analogous

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



565D58



545D5B



535D5E

Triad

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



545D5B



5C5A61



615A56

Complementary

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



545D5B



5D5456

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.



625958



545D5B



5F595E

Square

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



545D5B



585B61



62595B



5E5B55

Rectangle

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



545D5B



545C60



62595B



615A56

Sweetspot

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



545D5B



747877



565D54



3B3D3D



BDBDBD



3D3D3D

Same Dimension

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



545D5B



697875



545B5D



292E2D



006E55



00EDB8

Inverse Universe

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



5D5456



78696D



5D5654



2E292A



6E0018



ED0035

Previews

White Background



This preview shows how the Hex color 545D5B looks on a white background.

Color Contrast Check

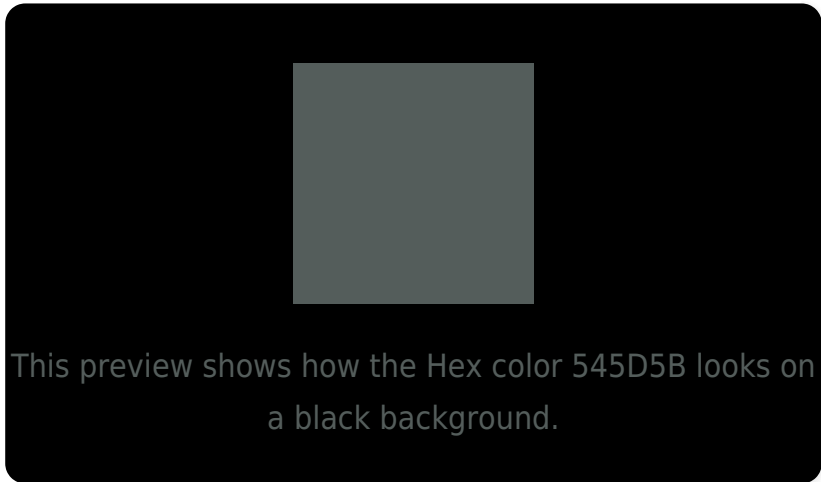
Large Text (above 18pt) WCAG AA ✓ Pass

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

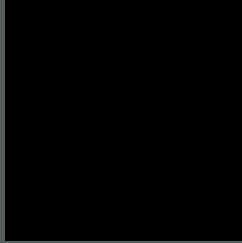
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

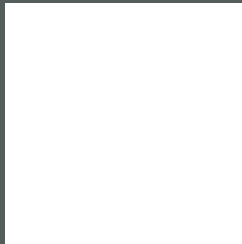
Any Text WCAG AAA × Fail

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

Hex 545D5B Background



This preview shows how black text looks on a background with the Hex color 545D5B.



This preview shows how white text looks on a background with the Hex color 545D5B.

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
545D5B

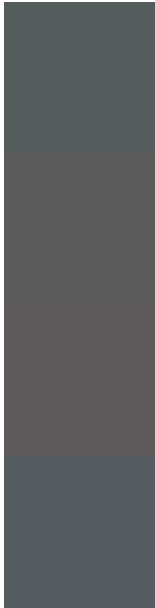
Protanopia
5D5A5A

Deuteranopia
63585C



Tritanopia
555C63

Trichromacy



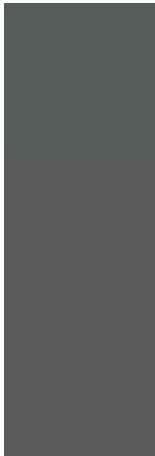
Original Color
545D5B

Protanomaly
5A5B5A

Deuteranomaly
5E5A5C

Tritanomaly
555C60

Monochromacy



Original Color
545D5B

Achromatopsia
5A5A5A

Achromatomaly
585B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 545D5B 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 #545D5B looks like.

```
.text, #text, p{  
    color:#545D5B  
}
```

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 #545D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545D5B
}
```

Border

The CSS property to change the border of an element to Hex 545D5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

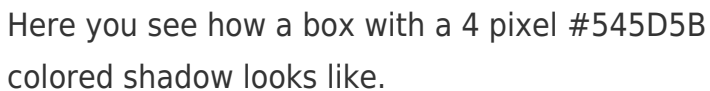
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545D5B }
```

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

```
.border{ border-color:#545D5B }
```

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



Here you see how a box with a 4 pixel #545D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545D5B; -webkit-box-shadow:4px 4px  
4px 4px #545D5B; box-shadow:4px 4px 4px  
4px #545D5B }
```

Background

The CSS property to change the background color of an element to Hex 545D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545D5B }
```

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

```
.background{ background-color:#545D5B }
```

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