

# Converting Colors

Hex(587D52)

Have a look what the booklet for  
Hex(587D52) contains.

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# Color

Hex(587D52)

# Conversions

## Conversions Part 1

Format	Color
Hex	587D52
RGB	88, 125, 82
RGB Percent	35%, 49%, 32%
CMY	0.6549, 0.5098, 0.6784
CMYK	0.30, 0.00, 0.34, 0.51
HSL	112°, 21%, 41%
HSV	112°, 34%, 49%
XYZ	12.8811, 17.3511, 10.6528
YIQ	109.0350, -8.2490, -21.2170

# Conversions

## Conversions Part 2

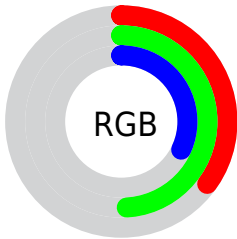
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 125, 119
Decimal	5799250
CIE <sub>Lab</sub>	48.70, -22.05, 19.39
CIE <sub>LCh</sub>	49, 29.364, 138.667
Y <sub>xy</sub>	17.3511, 0.3151, 0.4244
Android (android.graphics.Color)	4283989330 (0xFF587D52)
YUV	109.0350, -13.3283, -18.4477
Hunter-Lab	41.6547, -17.6972, 13.9954

# Details

The Hex color **587D52** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **77527D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8BB284**, and **284C24** is the 20% darker color. If you saturate the color by 10%, you get **4D7D46**, and if you desaturate by 10%, it is **637D5F**.

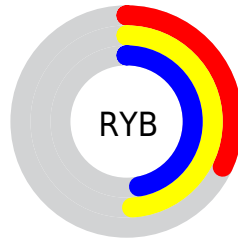
# Distribution



Red (35%)

Green (49%)

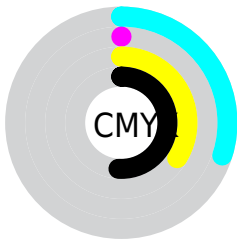
Blue (32%)



Red (32%)

Yellow (49%)

Blue (47%)

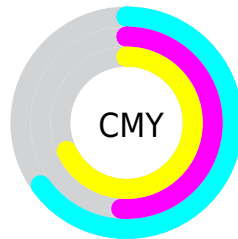


Cyan (30%)

Magenta (0%)

Yellow (34%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 587D52 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 587D52 by changing the saturation by 10% instead.





587D52



587D52

FFFFFF



40643B



8BB284



284C24



A6CD9E



11350F



C1EAB9



002000



DDFFD5



000000



FAFFF1



587D52



587D52



4D7D46



637D5F



427D39



6E7D6B

■ 387D2D

■ 787D78

■ 2D7D20

■ 837D84

■ 227D14

■ 8E7D91

■ 177D07

■ 997D9D

■ 117D00

■ A37DAA

■ AE7DB6

■ B97DC3

# Harmonies

## Analogous

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



747744



587D52



378069

# Triad

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



587D52



3E79A4



A46165

# Complementary

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



587D52



77527D

# 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.



9E617E



587D52



6971A3

# Square

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



587D52



067E98



8A6895



9D664F

# Rectangle

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



587D52



1C817A



8A6895



A4606D



# Sweetspot

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



587D52



95A393



7D7752



495248



D1D1D1



525252



# Same Dimension

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



587D52



6AA360



527D61



3A4039



128000



000000



# Inverse Universe

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



77527D



9A60A3



7D526E



3F3940



6E0080



000000



# Previews

## White Background



This preview shows how the Hex color 587D52 looks on a white background.

## Color Contrast Check

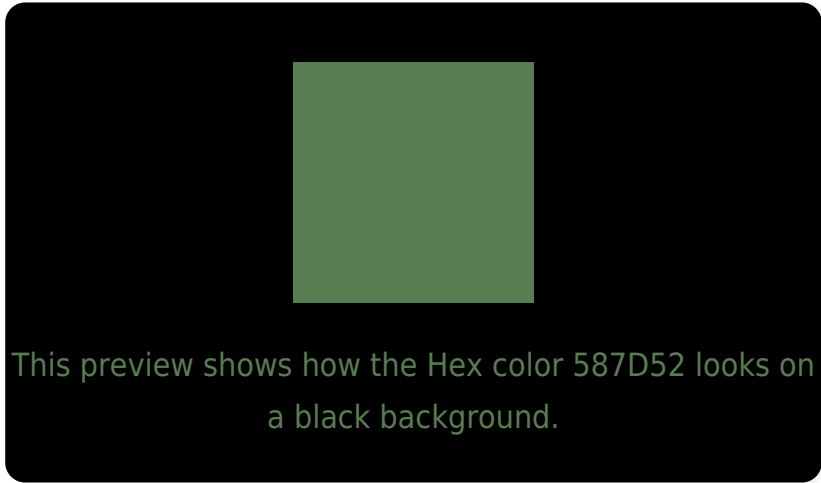
Large Text (above 18pt) WCAG AA ✓ Pass

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

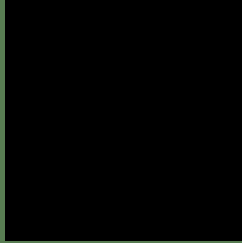
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 587D52 Background



This preview shows how black text looks on a background with the Hex color 587D52.



This preview shows how white text looks on a background with the Hex color 587D52.

# 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**  
587D52

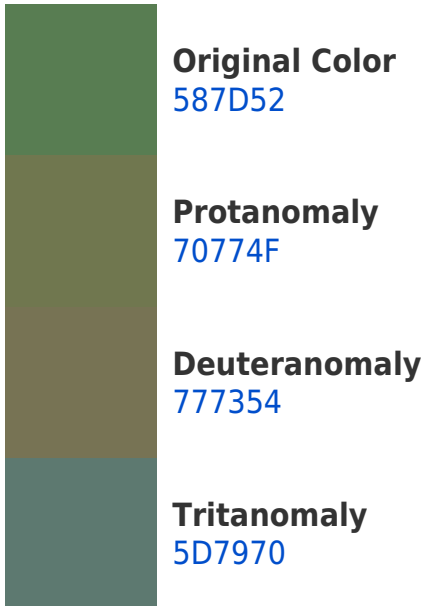
**Protanopia**  
7D734E

**Deuteranopia**  
886E55

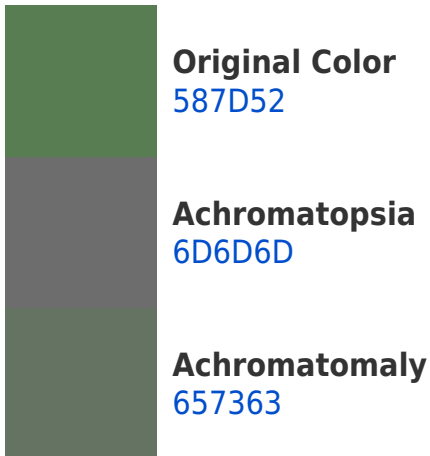


**Tritanopia**  
607781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 587D52 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 #587D52 looks like.

```
.text, #text, p{  
    color:#587D52  
}
```

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 #587D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587D52
}
```

## Border

The CSS property to change the border of an element to Hex 587D52 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".

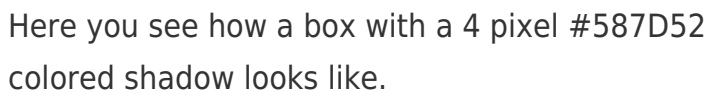
```
.border, #border, table{ border:4px solid
#587D52 }
```

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

```
.border{ border-color:#587D52 }
```

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

Here you see how a box with a 4 pixel #587D52 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587D52; -webkit-box-shadow:4px 4px  
4px 4px #587D52; box-shadow:4px 4px 4px  
4px #587D52 }
```

# Background

The CSS property to change the background color of an element to Hex 587D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587D52 }
```

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

```
.background{ background-color:#587D52 }
```

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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