

Converting Colors

Hex(589D52)

Have a look what the booklet for
Hex(589D52) contains.

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Color

Hex(589D52)

Conversions

Conversions Part 1

Format	Color
Hex	589D52
RGB	88, 157, 82
RGB Percent	35%, 62%, 32%
CMY	0.6549, 0.3843, 0.6784
CMYK	0.44, 0.00, 0.48, 0.38
HSL	115°, 31%, 47%
HSV	115°, 48%, 62%
XYZ	17.6045, 26.7978, 12.2273
YIQ	127.8190, -17.0490, -37.9530

Conversions

Conversions Part 2

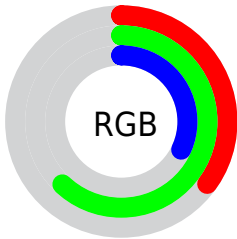
Format	Color
R_{YB}	82, 157, 151
Decimal	5807442
CIE _{Lab}	58.79, -37.34, 32.45
CIE _{LCh}	59, 49.474, 139.009
Yxy	26.7978, 0.3109, 0.4732
Android (android.graphics.Color)	4283997522 (0xFF589D52)
YUV	127.8190, -22.5888, -34.9213
Hunter-Lab	51.7666, -29.8885, 22.2323

Details

The Hex color **589D52** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **97529D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8ED485**, and **216922** is the 20% darker color. If you saturate the color by 10%, you get **4A9D42**, and if you desaturate by 10%, it is **669D62**.

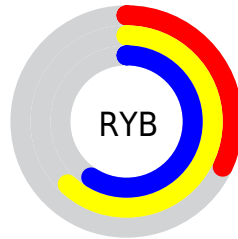
Distribution



Red (35%)

Green (62%)

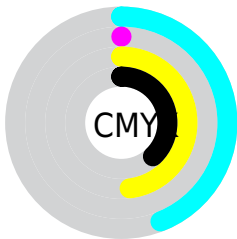
Blue (32%)



Red (32%)

Yellow (62%)

Blue (59%)

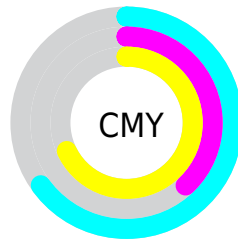


Cyan (44%)

Magenta (0%)

Yellow (48%)

Black (38%)



Cyan (65%)

Magenta (38%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 589D52 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 589D52 by changing the saturation by 10% instead.

 589D52

 589D52

FFFFFF

 3D833A

 8ED485

 216922

 A9F19F

 005009

 C6FFBB

 003800

 E2FFD7

 002500

 FFFFF3

 000000

 589D52

 589D52

 4A9D42

 669D62

 3B9D33

 759D71

 2D9D23

 839D81

 1E9D13

 929D91

 109D03

 A09DA1

 0D9D00

 AF9DB0

 BD9DC0

 CC9DD0

 DA9DDF

Harmonies

Analogous

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



8B9436



589D52



00A27B

Triad

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



589D52



0097E2



DE6974

Complementary

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



589D52



97529D

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.



D5699F



589D52



7488E0

Square

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



589D52



00A0CE



B377C7



D1754D

Rectangle

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



589D52



00A39A



B377C7



DE6782

Sweetspot

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



589D52



B2CCAF



9D9752



566655



E6E6E6



666666

Same Dimension

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



589D52



61CC58



529D71



484F47



0B8F00



010F00

Inverse Universe

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



97529D



C358CC



9D527E



4E474F



83008F



0E000F

Previews

White Background



This preview shows how the Hex color 589D52 looks on a white background.

Color Contrast Check

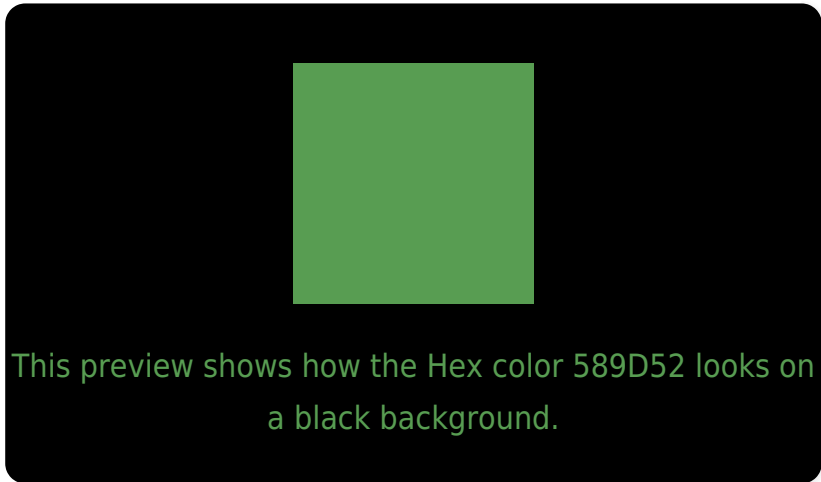
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

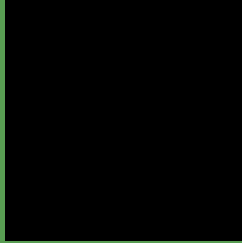
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 589D52 Background



This preview shows how black text looks on a background with the Hex color 589D52.

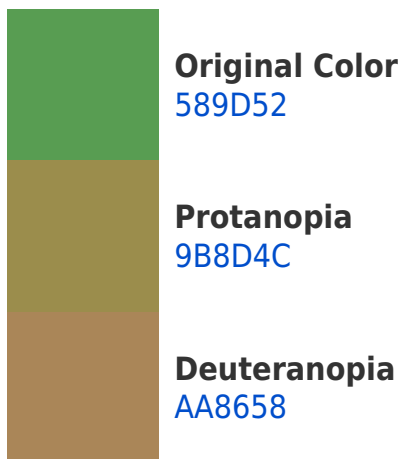


This preview shows how white text looks on a background with the Hex color 589D52.

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](#).

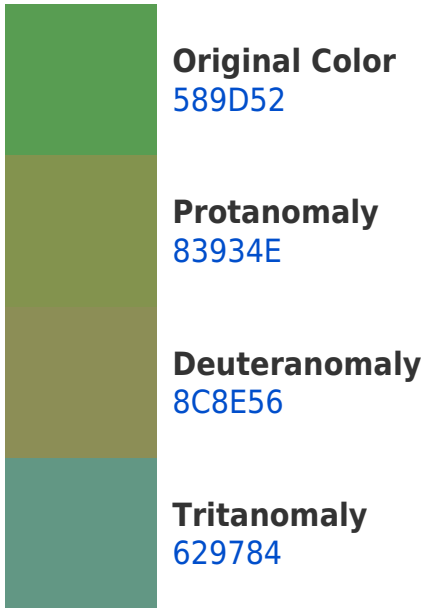
Dichromacy





Tritanopia
6794A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 589D52 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 #589D52 looks like.

```
.text, #text, p{  
    color:#589D52  
}
```

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 #589D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589D52
}
```

Border

The CSS property to change the border of an element to Hex 589D52 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
#589D52 }
```

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

```
.border{ border-color:#589D52 }
```

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

Here you see how a box with a 4 pixel #589D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589D52; -webkit-box-shadow:4px 4px  
4px 4px #589D52; box-shadow:4px 4px 4px  
4px #589D52 }
```

Background

The CSS property to change the background color of an element to Hex 589D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589D52 }
```

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

```
.background{ background-color:#589D52 }
```

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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