

Converting Colors

Hex(584F59)

Have a look what the booklet for
Hex(584F59) contains.

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Color

Hex(584F59)

Conversions

Conversions Part 1

Format	Color
Hex	584F59
RGB	88, 79, 89
RGB Percent	35%, 31%, 35%
CMY	0.6549, 0.6902, 0.6510
CMYK	0.01, 0.11, 0.00, 0.65
HSL	294°, 6%, 33%
HSV	294°, 11%, 35%
XYZ	8.6237, 8.3879, 10.6157
YIQ	82.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

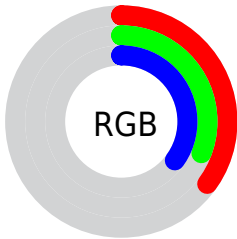
Format	Color
R_{YB}	88, 79, 89
Decimal	5787481
CIE _{Lab}	34.78, 5.80, -4.50
CIE _{LCh}	35, 7.345, 322.198
Yxy	8.3879, 0.3121, 0.3036
Android (android.graphics.Color)	4283977561 (0xFF584F59)
YUV	82.8310, 3.0413, 4.5332
Hunter-Lab	28.9619, 2.4664, -1.4588




Details

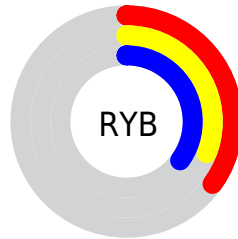
The Hex color **584F59** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50594F**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **8A808B**, and **2B232C** is the 20% darker color. If you saturate the color by 10%, you get **574659**, and if you desaturate by 10%, it is **595859**.

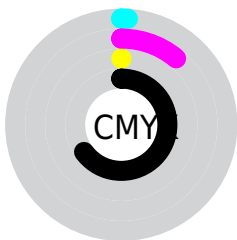
Distribution







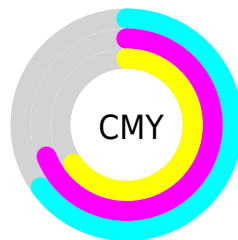
-  Red (35%)
-  Green (31%)
-  Blue (35%)






-  Red (35%)
-  Yellow (31%)
-  Blue (35%)



-  Cyan (1%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (69%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584F59 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 584F59 by changing the saturation by 10% instead.

■ 584F59

■ 584F59

FFFFFF

■ 413842

■ 8A808B

■ 2B232C

■ A49AA5

■ 170D17

■ BFB5C0

■ 000000

■ DBD0DC

■ F8EDF9

■ 584F59

■ 584F59

■ 574659

■ 595859

■ 563D59

■ 5A6159

■ 553459

■ 5B6A59

■ 542B59

■ 5C7359

■ 542359

■ 5C7C59

■ 531A59

■ 5D8459

■ 521159

■ 5E8D59

■ 510859

■ 5F9659

■ 500059

■ 609F59

Harmonies

Analogous

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



51515D



584F59



5D4E54

Triad

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



584F59



585146



435556

Complementary

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



584F59



50594F

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.



465550



584F59



525347

Square

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



584F59



5D4F49



4B544A



44545B

Rectangle

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



584F59



5E4E50



4B544A



435554

Sweetspot

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



584F59



726F73



4F5059



3A383B



BABABA



3B3B3B

Same Dimension

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



584F59



716473



594F55



2B272B



60006B



D300EB

Inverse Universe

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



594F50



736465



4F5953



2B2727



6B000B



EB0017

Previews

White Background



This preview shows how the Hex color 584F59 looks on a white background.

Color Contrast Check

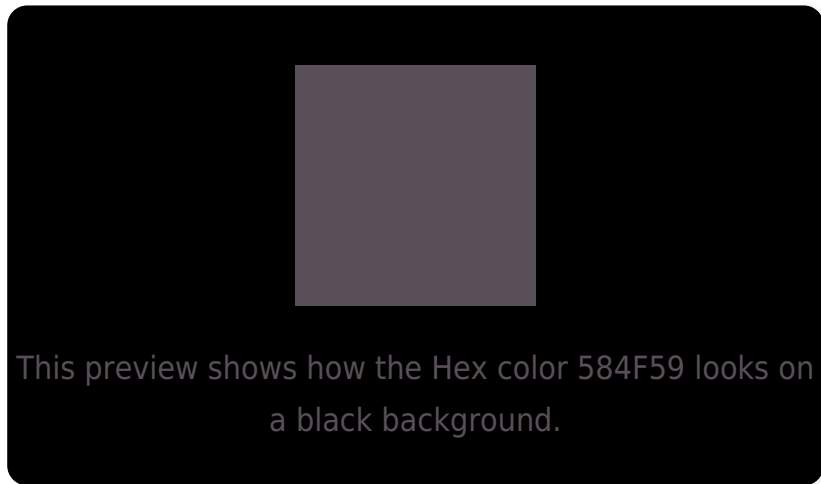
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

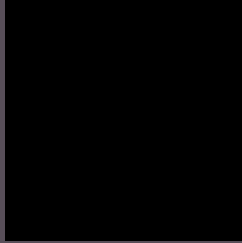
Any Text WCAG AA × Fail

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 584F59 Background



This preview shows how black text looks on a background with the Hex color 584F59.



This preview shows how white text looks on a background with the Hex color 584F59.

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
584F59

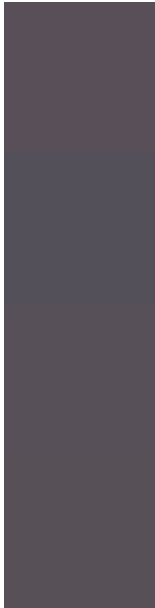
Protanopia
51515A

Deuteranopia
575059



Tritanopia
585056

Trichromacy



Original Color

584F59

Protanomaly

54505A

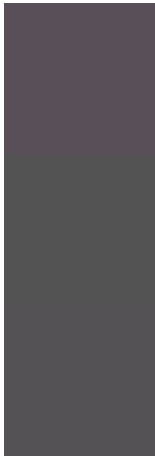
Deuteranomaly

575059

Tritanomaly

585057

Monochromacy



Original Color

584F59

Achromatopsia

535353

Achromatomaly

555255

CSS Examples

Text

The CSS property to change the color of the text to Hex 584F59 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 #584F59 looks like.

```
.text, #text, p{  
    color:#584F59  
}
```

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 #584F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584F59
}
```

Border

The CSS property to change the border of an element to Hex 584F59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

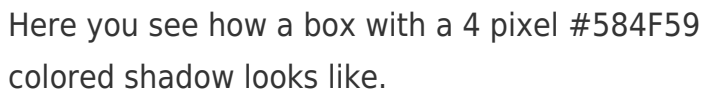
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584F59 }
```

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

```
.border{ border-color:#584F59 }
```

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



Here you see how a box with a 4 pixel #584F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584F59; -webkit-box-shadow:4px 4px  
4px 4px #584F59; box-shadow:4px 4px 4px  
4px #584F59 }
```

Background

The CSS property to change the background color of an element to Hex 584F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584F59 }
```

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

```
.background{ background-color:#584F59 }
```

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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