

Converting Colors

Hex(584E52)

Have a look what the booklet for
Hex(584E52) contains.

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Color

Hex(584E52)

Conversions

Conversions Part 1

Format	Color
Hex	584E52
RGB	88, 78, 82
RGB Percent	35%, 31%, 32%
CMY	0.6549, 0.6941, 0.6784
CMYK	0.00, 0.11, 0.07, 0.65
HSL	336°, 6%, 33%
HSV	336°, 11%, 35%
XYZ	8.2719, 8.1327, 9.1164
YIQ	81.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

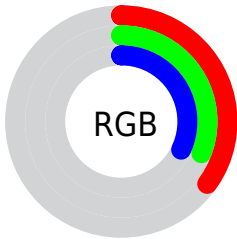
Format	Color
RYB	88, 78, 82
Decimal	5787218
CIELab	34.26, 4.95, -0.84
CIELCh	34, 5.021, 350.321
Yxy	8.1327, 0.3241, 0.3187
Android (android.graphics.Color)	4283977298 (0xFF584E52)
YUV	81.4460, 0.2731, 5.7479
Hunter-Lab	28.5179, 1.8694, 1.0090

Details

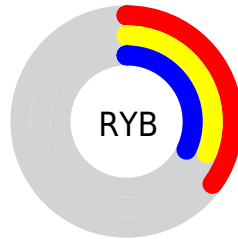
The Hex color **584E52** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E5854**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8A7F83**, and **2B2225** is the 20% darker color. If you saturate the color by 10%, you get **58454D**, and if you desaturate by 10%, it is **585757**.

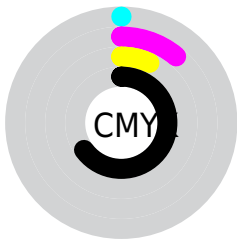
Distribution



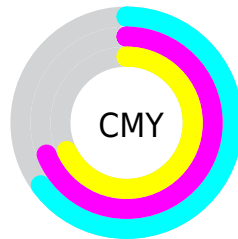
- Red (35%)
- Green (31%)
- Blue (32%)



- Red (35%)
- Yellow (31%)
- Blue (32%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584E52 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 584E52 by changing the saturation by 10% instead.

■ 584E52

■ 584E52

FFFFFF

■ 41373B

■ 8A7F83

■ 2B2225

■ A4999D

■ 170C11

■ BFB4B8

■ 000000

■ DBCFD4

■ F8EBF0

■ 584E52

■ 584E52

■ 58454D

■ 585757

■ 583C47

■ 58605D

■ 583442

■ 586862

■ 582B3D

■ 587167

■ 582238

■ 587A6C

■ 581932

■ 588372

■ 58102D

■ 588C77

■ 580828

■ 58947C

■ 580023

■ 589D82

Harmonies

Analogous

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



554F56



584E52



594E4E

Triad

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



584E52



515149



485257

Complementary

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



584E52



4E5854

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.



475353



584E52



4C524B

Square

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



584E52



555049



49534F



4B5158

Rectangle

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



584E52



594E4C



49534F



475356

Sweetspot

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



584E52



736F71



544E58



3B3839



BABABA



3B3B3B

Same Dimension

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



584E52



736369



584F4E



2B2729



6B002B



EB005E

Inverse Universe

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



584E52



736369



4E5758



2B2729



6B002B



EB005E

Previews

White Background



This preview shows how the Hex color 584E52 looks on a white background.

Color Contrast Check

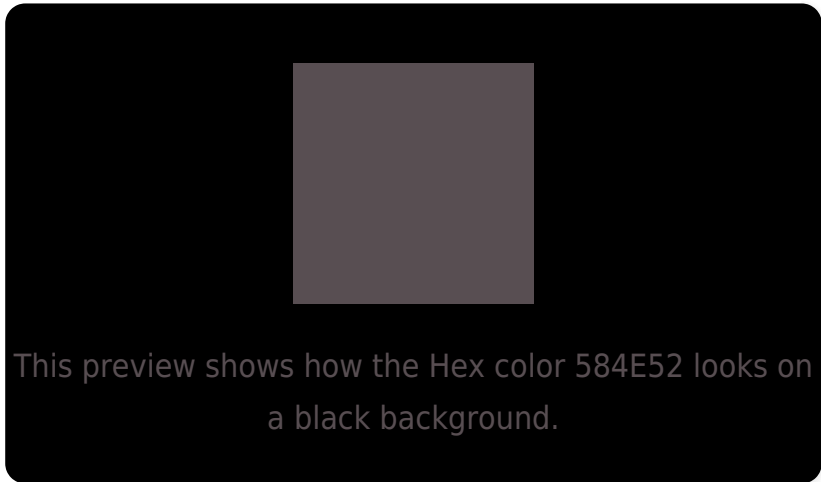
Large Text (above 18pt) WCAG AA ✓ Pass

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

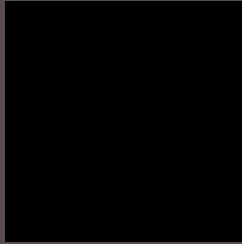
Any Text WCAG AA × Fail

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 584E52 Background



This preview shows how black text looks on a background with the Hex color 584E52.

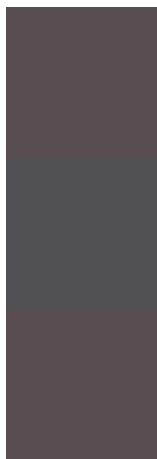


This preview shows how white text looks on a background with the Hex color 584E52.

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](#).

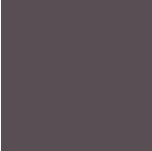
Dichromacy



Original Color
584E52

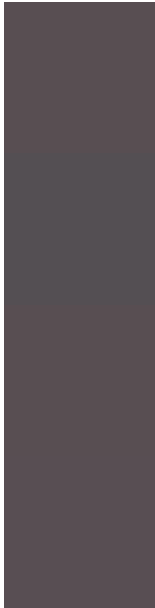
Protanopia
515053

Deuteranopia
584E52



Tritanopia
584E54

Trichromacy



Original Color

584E52

Protanomaly

544F53

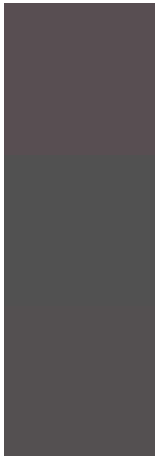
Deuteranomaly

584E52

Tritanomaly

584E53

Monochromacy



Original Color

584E52

Achromatopsia

515151

Achromatomaly

545051

CSS Examples

Text

The CSS property to change the color of the text to Hex 584E52 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 #584E52 looks like.

```
.text, #text, p{  
    color:#584E52  
}
```

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 #584E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584E52
}
```

Border

The CSS property to change the border of an element to Hex 584E52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

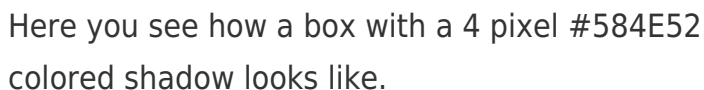
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584E52 }
```

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

```
.border{ border-color:#584E52 }
```

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



Here you see how a box with a 4 pixel #584E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584E52; -webkit-box-shadow:4px 4px  
4px 4px #584E52; box-shadow:4px 4px 4px  
4px #584E52 }
```

Background

The CSS property to change the background color of an element to Hex 584E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584E52 }
```

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

```
.background{ background-color:#584E52 }
```

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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