

Converting Colors

Hex(584A62)

Have a look what the booklet for
Hex(584A62) contains.

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Color

Hex(584A62)

Conversions

Conversions Part 1

Format	Color
Hex	584A62
RGB	88, 74, 98
RGB Percent	35%, 29%, 38%
CMY	0.6549, 0.7098, 0.6157
CMYK	0.10, 0.24, 0.00, 0.62
HSL	275°, 14%, 34%
HSV	275°, 24%, 38%
XYZ	8.6779, 7.8541, 12.6139
YIQ	80.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

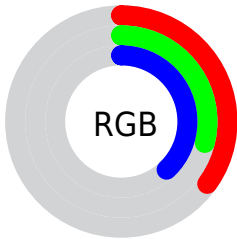
Format	Color
R_{YB}	88, 74, 98
Decimal	5786210
CIE _{Lab}	33.68, 11.02, -11.85
CIE _{LCh}	34, 16.179, 312.926
Yxy	7.8541, 0.2977, 0.2695
Android (android.graphics.Color)	4283976290 (0xFF584A62)
YUV	80.9220, 8.4195, 6.2074
Hunter-Lab	28.0252, 6.2278, -7.0683




Details

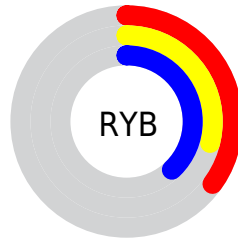
The Hex color **584A62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54624A**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **8A7B95**, and **2A1E33** is the 20% darker color. If you saturate the color by 10%, you get **544062**, and if you desaturate by 10%, it is **5C5462**.

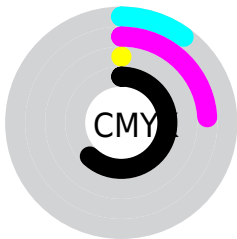
Distribution







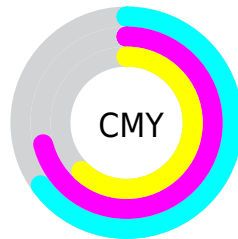
-  Red (35%)
-  Green (29%)
-  Blue (38%)






-  Red (35%)
-  Yellow (29%)
-  Blue (38%)



-  Cyan (10%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (65%)
-  Magenta (71%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584A62 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 584A62 by changing the saturation by 10% instead.

■ 584A62

■ 584A62

FFFFFF

■ 40334A

■ 8A7B95

■ 2A1E33

■ A495AF

■ 17061E

■ C0AFCB

■ 000002

■ DCCBE7

■ 000000

■ F8E7FF

■ 584A62

■ 584A62

■ 544062

■ 5C5462

■ 503662

■ 605E62

■ 4C2D62

■ 646762

■ 482362

■ 687162

■ 441962

■ 6C7B62

■ 3F0F62

■ 718562

■ 3B0562

■ 758F62

■ 390062

■ 799862

■ 7DA262

Harmonies

Analogous

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



474E68



584A62



644757

Triad

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



584A62



5F4C37



2A5654

Complementary

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



584A62



54624A

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.



365647



584A62



535036

Square

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



584A62



67483E



44543C



295560

Rectangle

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



584A62



68464E



44543C



2D5650

Sweetspot

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



584A62



7C7780



4A5462



3E3B40



BFBFBF



404040

Same Dimension

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



584A62



705B80



624A60



2E2C30



410070



8C00F0

Inverse Universe

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



624A54



805B6A



4A624C



302C2E



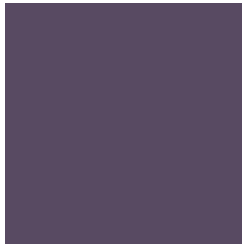
70002F



F00064

Previews

White Background



This preview shows how the Hex color 584A62 looks on a white background.

Color Contrast Check

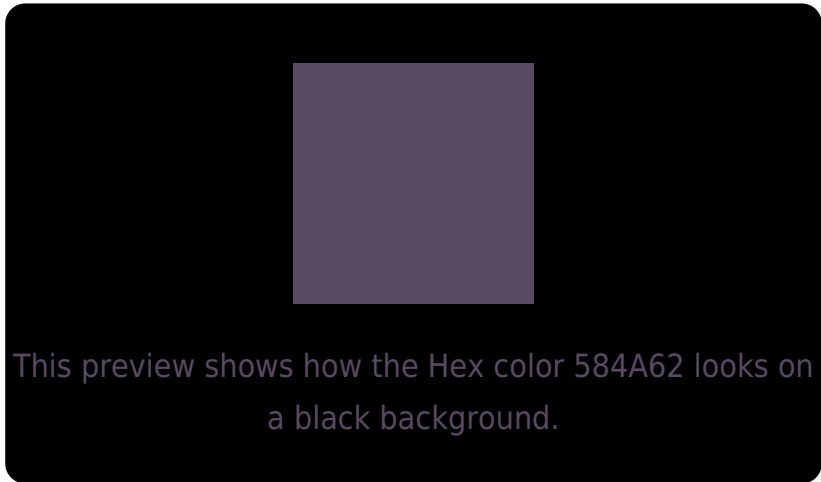
Large Text (above 18pt) WCAG AA ✓ Pass

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

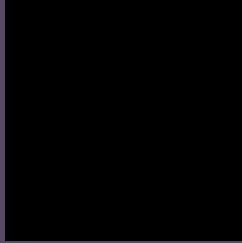
Any Text WCAG AA × Fail

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 584A62 Background



This preview shows how black text looks on a background with the Hex color 584A62.



This preview shows how white text looks on a background with the Hex color 584A62.

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

584A62

Protanopia

4A4E65

Deuteranopia

4E4E61



Tritanopia
564D53

Trichromacy



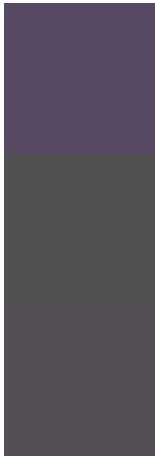
Original Color
584A62

Protanomaly
4F4D64

Deuteranomaly
524D61

Tritanomaly
574C58

Monochromacy



Original Color
584A62

Achromatopsia
515151

Achromatomaly
544E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 584A62 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 #584A62 looks like.

```
.text, #text, p{  
    color:#584A62  
}
```

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 #584A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584A62
}
```

Border

The CSS property to change the border of an element to Hex 584A62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

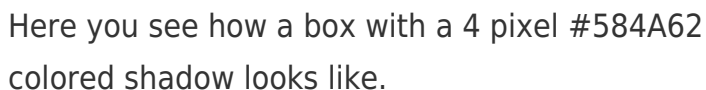
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584A62 }
```

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

```
.border{ border-color:#584A62 }
```

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



Here you see how a box with a 4 pixel #584A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584A62; -webkit-box-shadow:4px 4px  
4px 4px #584A62; box-shadow:4px 4px 4px  
4px #584A62 }
```

Background

The CSS property to change the background color of an element to Hex 584A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584A62 }
```

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

```
.background{ background-color:#584A62 }
```

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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