

Converting Colors

Hex(564F5B)

Have a look what the booklet for
Hex(564F5B) contains.

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Color

Hex(564F5B)

Conversions

Conversions Part 1

Format	Color
Hex	564F5B
RGB	86, 79, 91
RGB Percent	34%, 31%, 36%
CMY	0.6627, 0.6902, 0.6431
CMYK	0.05, 0.13, 0.00, 0.64
HSL	275°, 7%, 33%
HSV	275°, 13%, 36%
XYZ	8.5221, 8.3257, 11.0554
YIQ	82.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

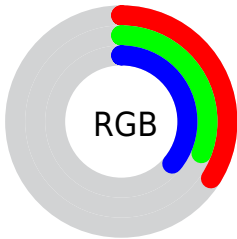
Format	Color
R_{YB}	86, 79, 91
Decimal	5656411
CIE Lab	34.65, 5.46, -5.97
CIE LCh	35, 8.093, 312.434
Yxy	8.3257, 0.3054, 0.2984
Android (android.graphics.Color)	4283846491 (0xFF564F5B)
YUV	82.4610, 4.2097, 3.1037
Hunter-Lab	28.8543, 2.2245, -2.5186

Details

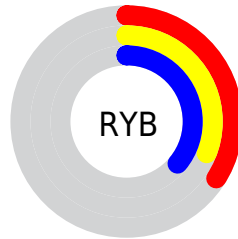
The Hex color **564F5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **545B4F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **88808D**, and **29232D** is the 20% darker color. If you saturate the color by 10%, you get **52465B**, and if you desaturate by 10%, it is **5A585B**.

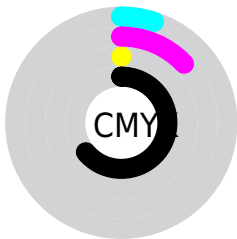
Distribution



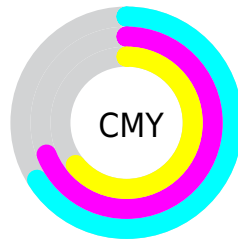
- Red (34%)
- Green (31%)
- Blue (36%)



- Red (34%)
- Yellow (31%)
- Blue (36%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (64%)



- Cyan (66%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564F5B 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 564F5B by changing the saturation by 10% instead.



564F5B



564F5B

FFFFFF



3F3844



88808D



29232D



A29AA7



150D19



BDB5C3



000000



D9D0DF



F5EDFB



564F5B



564F5B



52465B



5A585B



4E3D5B



5E615B

■ 4B345B

■ 616A5B

■ 472B5B

■ 65735B

■ 43225B

■ 697D5B

■ 3F185B

■ 6D865B

■ 3B0F5B

■ 718F5B

■ 38065B

■ 74985B

■ 35005B

■ 78A15B

Harmonies

Analogous

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



4E515E



564F5B



5C4D56

Triad

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



564F5B



5A5045



415554

Complementary

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



564F5B



545B4F

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.



46554D



564F5B



545245

Square

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



564F5B



5E4E49



4C5448



42555A

Rectangle

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



564F5B



5F4D51



4C5448



425552

Sweetspot

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



564F5B



737175



4F545B



39383B



BABABA



3B3B3B

Same Dimension

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



564F5B



6D6375



5B4F5A



2C292E



40006E



8A00ED

Inverse Universe

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



5B4F54



75636A



4F5B50



2E292B



6E002E



ED0063

Previews

White Background



This preview shows how the Hex color 564F5B looks on a white background.

Color Contrast Check

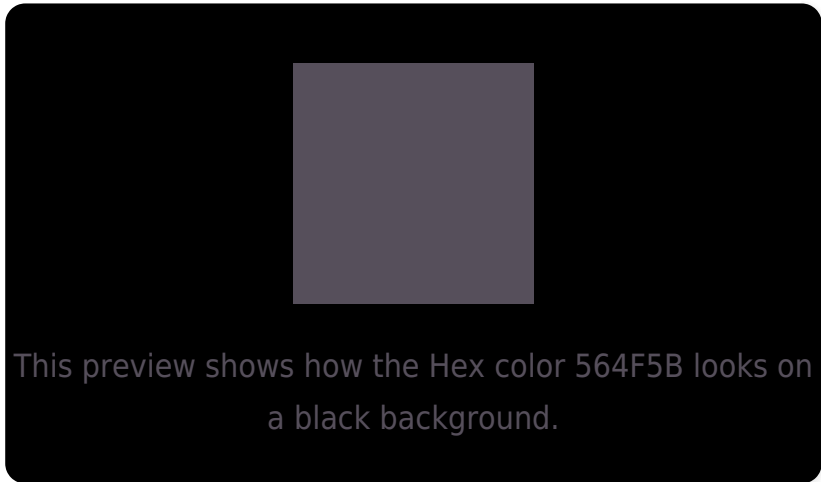
Large Text (above 18pt) WCAG AA ✓ Pass

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

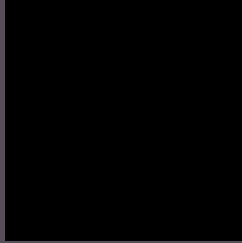
Any Text WCAG AA × Fail

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 564F5B Background



This preview shows how black text looks on a background with the Hex color 564F5B.

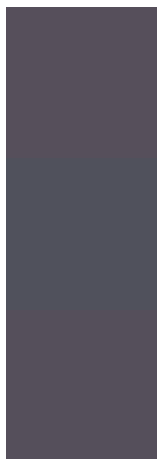


This preview shows how white text looks on a background with the Hex color 564F5B.

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


564F5B

Protanopia

50515C

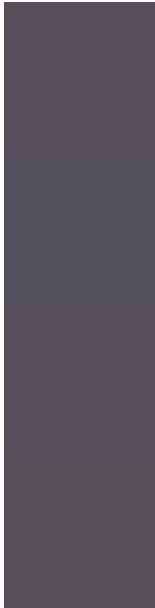
Deuteranopia

554F5B



Tritanopia
555056

Trichromacy



Original Color

564F5B

Protanomaly

52505C

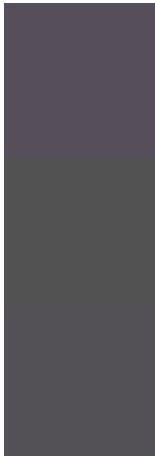
Deuteranomaly

554F5B

Tritanomaly

555058

Monochromacy



Original Color

564F5B

Achromatopsia

525252

Achromatomaly

535155

CSS Examples

Text

The CSS property to change the color of the text to Hex 564F5B 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 #564F5B looks like.

```
.text, #text, p{  
    color:#564F5B  
}
```

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 #564F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564F5B
}
```

Border

The CSS property to change the border of an element to Hex 564F5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

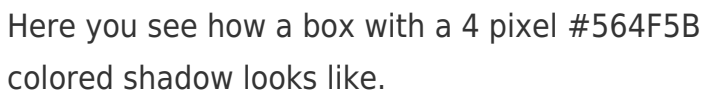
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564F5B }
```

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

```
.border{ border-color:#564F5B }
```

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



Here you see how a box with a 4 pixel #564F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564F5B; -webkit-box-shadow:4px 4px  
4px 4px #564F5B; box-shadow:4px 4px 4px  
4px #564F5B }
```

Background

The CSS property to change the background color of an element to Hex 564F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564F5B }
```

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

```
.background{ background-color:#564F5B }
```

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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