

Converting Colors

Hex(564C64)

Have a look what the booklet for
Hex(564C64) contains.

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Color

Hex(564C64)

Conversions

Conversions Part 1

Format	Color
Hex	564C64
RGB	86, 76, 100
RGB Percent	34%, 30%, 39%
CMY	0.6627, 0.7020, 0.6078
CMYK	0.14, 0.24, 0.00, 0.61
HSL	265°, 14%, 35%
HSV	265°, 24%, 39%
XYZ	8.7224, 8.0674, 13.1540
YIQ	81.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

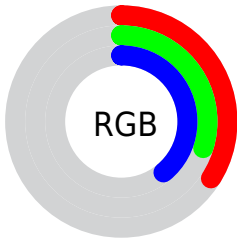
Format	Color
R_{YB}	86, 76, 100
Decimal	5655652
CIE _{Lab}	34.12, 9.48, -12.45
CIE _{LCh}	34, 15.651, 307.293
Yxy	8.0674, 0.2913, 0.2694
Android (android.graphics.Color)	4283845732 (0xFF564C64)
YUV	81.7260, 9.0091, 3.7483
Hunter-Lab	28.4032, 5.1106, -7.5760




Details

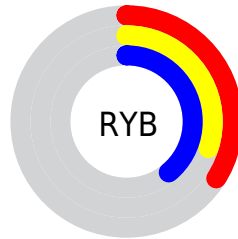
The Hex color **564C64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A644C**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **887D97**, and **282035** is the 20% darker color. If you saturate the color by 10%, you get **504264**, and if you desaturate by 10%, it is **5C5664**.

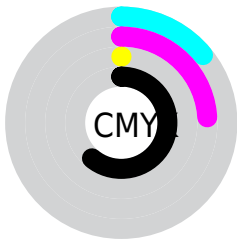
Distribution







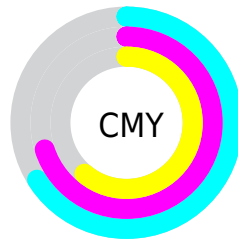
-  Red (34%)
-  Green (30%)
-  Blue (39%)






-  Red (34%)
-  Yellow (30%)
-  Blue (39%)



-  Cyan (14%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (66%)
-  Magenta (70%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564C64 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 564C64 by changing the saturation by 10% instead.



564C64



564C64

FFFFFF



3F354C



887D97



282035



A297B2



150920



BDB1CD



000006



D9CDE9



000000



F6E9FF



564C64



564C64



504264



5C5664



4A3864



626064

■ 452E64

■ 686A64

■ 3F2464

■ 6D7464

■ 391A64

■ 737E64

■ 331064

■ 798864

■ 2D0664

■ 7F9264

■ 2A0064

■ 859C64

■ 8BA664

Harmonies

Analogous

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



455069



564C64



63485A

Triad

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



564C64



614C3A



2E5753

Complementary

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



564C64



5A644C

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.



3A5646



564C64



565038

Square

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



564C64



684942



48543C



2B565F

Rectangle

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



564C64



684752



48543C



32574F

Sweetspot

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



564C64



7D7982



4C5A64



3F3D42



C2C2C2



424242

Same Dimension

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



564C64



6C5C82



624C64



302E33



300073



6500F2

Inverse Universe

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



644C5A



825C72



4E644C



332E31



730043



F2008D

Previews

White Background



This preview shows how the Hex color 564C64 looks on a white background.

Color Contrast Check

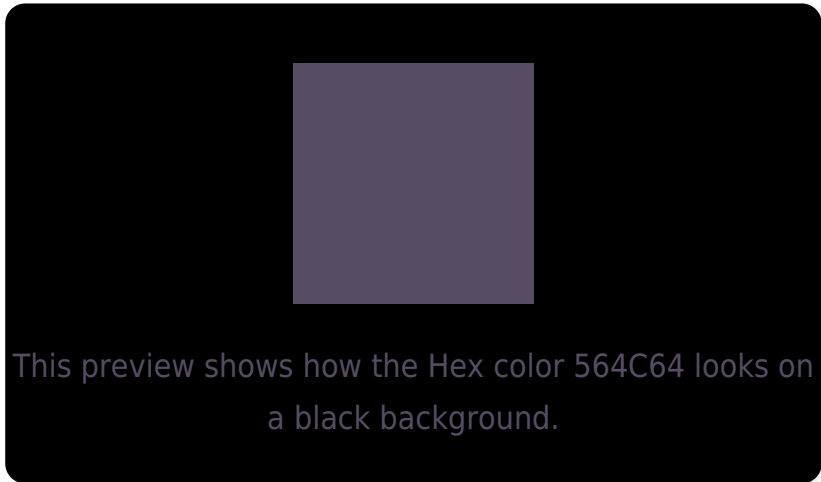
Large Text (above 18pt) WCAG AA ✓ Pass

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

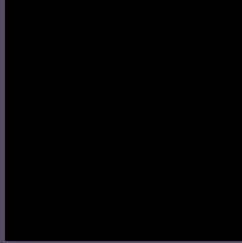
Any Text WCAG AA × Fail

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 564C64 Background



This preview shows how black text looks on a background with the Hex color 564C64.



This preview shows how white text looks on a background with the Hex color 564C64.

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
564C64

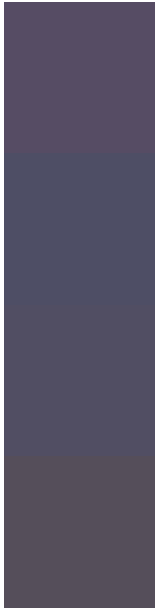
Protanopia
4A4F66

Deuteranopia
4E4F63



Tritanopia
544F55

Trichromacy



Original Color

564C64

Protanomaly

4E4E65

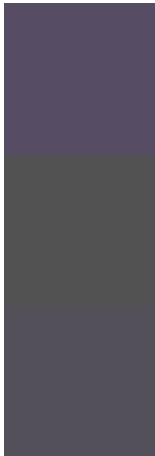
Deuteranomaly

514E63

Tritanomaly

554E5A

Monochromacy



Original Color

564C64

Achromatopsia

525252

Achromatomaly

535059

CSS Examples

Text

The CSS property to change the color of the text to Hex 564C64 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 #564C64 looks like.

```
.text, #text, p{  
    color:#564C64  
}
```

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 #564C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564C64
}
```

Border

The CSS property to change the border of an element to Hex 564C64 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
#564C64 }
```

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

```
.border{ border-color:#564C64 }
```

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

Here you see how a box with a 4 pixel #564C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564C64; -webkit-box-shadow:4px 4px  
4px 4px #564C64; box-shadow:4px 4px 4px  
4px #564C64 }
```

Background

The CSS property to change the background color of an element to Hex 564C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564C64 }
```

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

```
.background{ background-color:#564C64 }
```

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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