

Converting Colors

Hex(564561)

Have a look what the booklet for
Hex(564561) contains.

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Color

Hex(564561)

Conversions

Conversions Part 1

Format	Color
Hex	564561
RGB	86, 69, 97
RGB Percent	34%, 27%, 38%
CMY	0.6627, 0.7294, 0.6196
CMYK	0.11, 0.29, 0.00, 0.62
HSL	276°, 17%, 33%
HSV	276°, 29%, 38%
XYZ	8.1235, 7.0977, 12.2511
YIQ	77.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

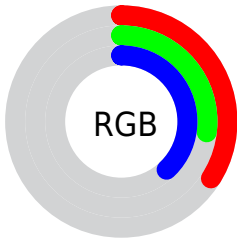
Format	Color
R_YB	86, 69, 97
Decimal	5653857
CIE _{Lab}	32.03, 13.23, -13.75
CIE _{LCh}	32, 19.076, 313.895
Yxy	7.0977, 0.2957, 0.2584
Android (android.graphics.Color)	4283843937 (0xFF564561)
YUV	77.2750, 9.7244, 7.6518
Hunter-Lab	26.6416, 7.8053, -8.6153

Details

The Hex color **564561** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **506145**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **887594**, and **281A33** is the 20% darker color. If you saturate the color by 10%, you get **523B61**, and if you desaturate by 10%, it is **5A4F61**.

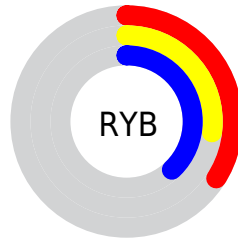
Distribution



Red (34%)

Green (27%)

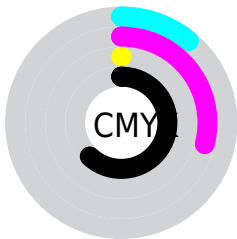
Blue (38%)



Red (34%)

Yellow (27%)

Blue (38%)

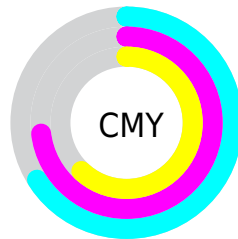


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (62%)



Cyan (66%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564561 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 564561 by changing the saturation by 10% instead.

■ 564561

■ 564561

FFFFFF

■ 3F2F49

■ 887594

■ 281A33

■ A28FAE

■ 16001E

■ BEA9CA

■ 000000

■ D9C5E6

■ F6E1FF

■ FFFDFF

■ 564561

■ 564561

■ 523B61

■ 5A4F61

■ 4E3261

■ 5E5861

■ 4B2861

■ 616261

■ 471E61

■ 656C61

■ 431461

■ 697561

■ 3F0B61

■ 6D7F61

■ 3B0161

■ 718961

■ 3B0061

■ 749361

■ 789C61

Harmonies

Analogous

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



424A68



564561



644154

Triad

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



564561



5D482F



1B5352

Complementary

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



564561



506145

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.



2C5343



564561



4F4D2E

Square

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



564561



664337



3E5135



175260

Rectangle

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



564561



68404A



3E5135



20534D

Sweetspot

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



564561



79727D



455061



3D3940



BFBFBF



404040

Same Dimension

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



564561



6C517D



61455E



2F2C30



440070



9200F0

Inverse Universe

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



614550



7D5162



456148



302C2E



70002C



F0005E

Previews

White Background



This preview shows how the Hex color 564561 looks on a white background.

Color Contrast Check

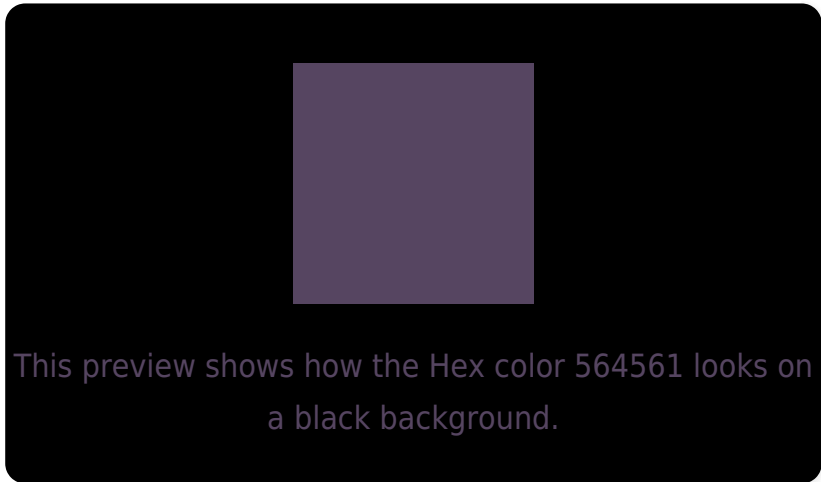
Large Text (above 18pt) WCAG AA ✓ Pass

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

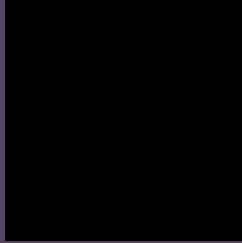
Any Text WCAG AA × Fail

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 564561 Background



This preview shows how black text looks on a background with the Hex color 564561.



This preview shows how white text looks on a background with the Hex color 564561.

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
564561

Protanopia
444B65

Deuteranopia
484A60



Tritanopia
53494E

Trichromacy



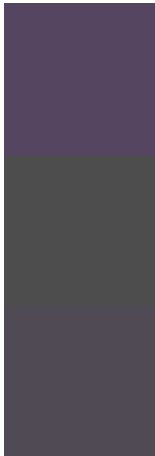
Original Color
564561

Protanomaly
4B4964

Deuteranomaly
4D4860

Tritanomaly
544855

Monochromacy



Original Color
564561

Achromatopsia
4D4D4D

Achromatomaly
504A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 564561 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 #564561 looks like.

```
.text, #text, p{  
    color:#564561  
}
```

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 #564561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564561
}
```

Border

The CSS property to change the border of an element to Hex 564561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

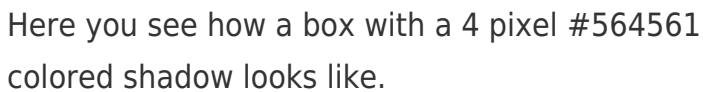
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564561 }
```

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

```
.border{ border-color:#564561 }
```

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



Here you see how a box with a 4 pixel #564561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564561; -webkit-box-shadow:4px 4px  
4px 4px #564561; box-shadow:4px 4px 4px  
4px #564561 }
```

Background

The CSS property to change the background color of an element to Hex 564561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564561 }
```

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

```
.background{ background-color:#564561 }
```

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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