

Converting Colors

Hex(564763)

Have a look what the booklet for
Hex(564763) contains.

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Color

Hex(564763)

Conversions

Conversions Part 1

Format	Color
Hex	564763
RGB	86, 71, 99
RGB Percent	34%, 28%, 39%
CMY	0.6627, 0.7216, 0.6118
CMYK	0.13, 0.28, 0.00, 0.61
HSL	272°, 16%, 33%
HSV	272°, 28%, 39%
XYZ	8.3431, 7.3858, 12.7902
YIQ	78.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

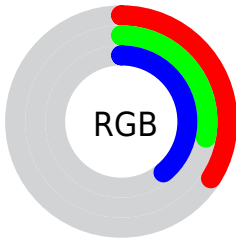
Format	Color
R_{YB}	86, 71, 99
Decimal	5654371
CIE _{Lab}	32.67, 12.43, -14.04
CIE _{LCh}	33, 18.749, 311.525
Yxy	7.3858, 0.2925, 0.2590
Android (android.graphics.Color)	4283844451 (0xFF564763)
YUV	78.6770, 10.0192, 6.4223
Hunter-Lab	27.1768, 7.2392, -8.8800

Details

The Hex color **564763** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **546347**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **887796**, and **281B34** is the 20% darker color. If you saturate the color by 10%, you get **513D63**, and if you desaturate by 10%, it is **5B5163**.

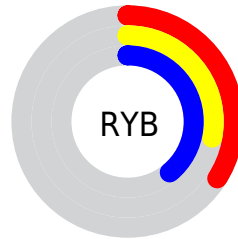
Distribution



Red (34%)

Green (28%)

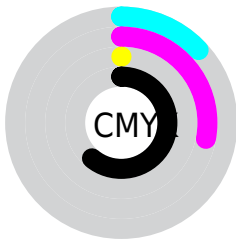
Blue (39%)



Red (34%)

Yellow (28%)

Blue (39%)

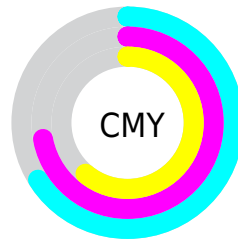


Cyan (13%)

Magenta (28%)

Yellow (0%)

Black (61%)



Cyan (66%)

Magenta (72%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564763 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 564763 by changing the saturation by 10% instead.

■ 564763

■ 564763

FFFFFF

■ 3F304B

■ 887796

■ 281B34

■ A291B1

■ 15011F

■ BEACCC

■ 000003

■ D9C7E8

■ 000000

■ F6E3FF

■ 564763

■ 564763

■ 513D63

■ 5B5163

■ 4D3363

■ 5F5B63

■ 482963

■ 646563

■ 441F63

■ 686F63

■ 3F1663

■ 6D7963

■ 3A0C63

■ 728263

■ 360263

■ 768C63

■ 350063

■ 7B9663

■ 7FA063

Harmonies

Analogous

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



424C6A



564763



644357

Triad

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



564763



5F4931



1F5552

Complementary

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



564763



546347

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.



2F5443



564763



514E30

Square

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



564763



68443A



415236



1A5460

Rectangle

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



564763



69424D



415236



24554D

Sweetspot

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



564763



7B7580



475463



3D3940



BFBFBF



404040

Same Dimension

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



564763



6B5480



634762



2E2C30



3C0070



8000F0

Inverse Universe

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



634754



805468



476348



302C2E



700034



F0006F

Previews

White Background



This preview shows how the Hex color 564763 looks on a white background.

Color Contrast Check

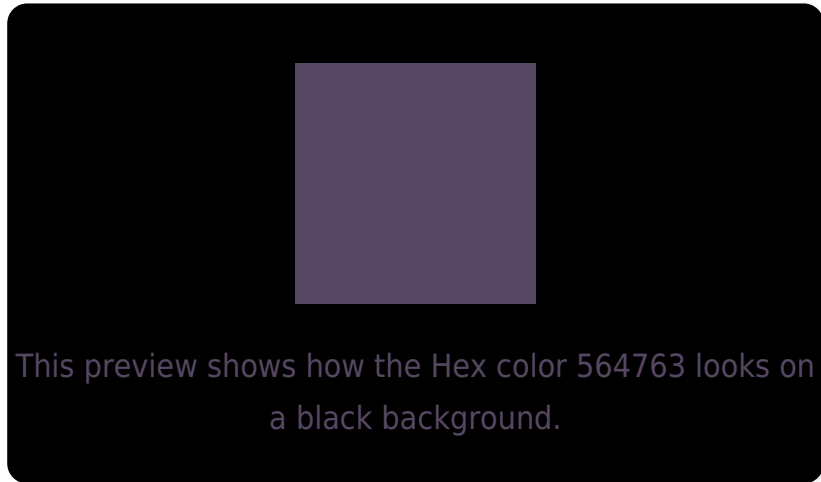
Large Text (above 18pt) WCAG AA ✓ Pass

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

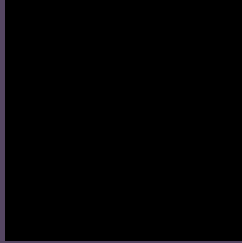
Any Text WCAG AA × Fail

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 564763 Background



This preview shows how black text looks on a background with the Hex color 564763.

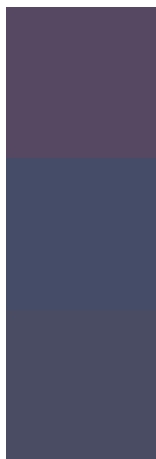


This preview shows how white text looks on a background with the Hex color 564763.

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
564763

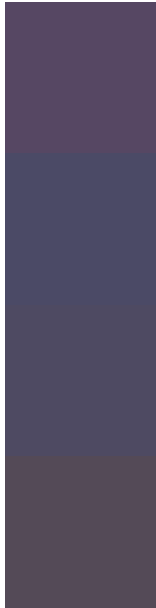
Protanopia
454C67

Deuteranopia
494C62



Tritanopia
534B50

Trichromacy



Original Color
564763

Protanomaly
4B4A66

Deuteranomaly
4E4A62

Tritanomaly
544A57

Monochromacy



Original Color
564763

Achromatopsia
4F4F4F

Achromatomaly
524C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 564763 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 #564763 looks like.

```
.text, #text, p{  
    color:#564763  
}
```

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 #564763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564763
}
```

Border

The CSS property to change the border of an element to Hex 564763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

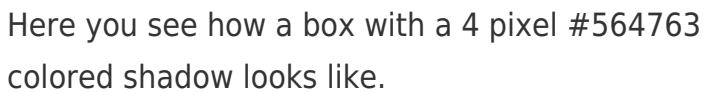
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564763 }
```

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

```
.border{ border-color:#564763 }
```

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



Here you see how a box with a 4 pixel #564763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564763; -webkit-box-shadow:4px 4px  
4px 4px #564763; box-shadow:4px 4px 4px  
4px #564763 }
```

Background

The CSS property to change the background color of an element to Hex 564763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564763 }
```

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

```
.background{ background-color:#564763 }
```

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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