

Converting Colors

Hex(564353)

Have a look what the booklet for
Hex(564353) contains.

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Color

Hex(564353)

Conversions

Conversions Part 1

Format	Color
Hex	564353
RGB	86, 67, 83
RGB Percent	34%, 26%, 33%
CMY	0.6627, 0.7373, 0.6745
CMYK	0.00, 0.22, 0.03, 0.66
HSL	309°, 12%, 30%
HSV	309°, 22%, 34%
XYZ	7.4062, 6.6173, 9.0705
YIQ	74.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

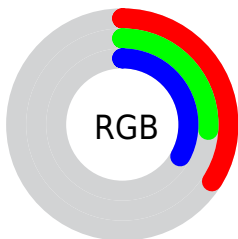
Format	Color
R_{YB}	86, 67, 83
Decimal	5653331
CIE Lab	30.92, 11.32, -6.45
CIE LCh	31, 13.033, 330.322
Yxy	6.6173, 0.3207, 0.2865
Android (android.graphics.Color)	4283843411 (0xFF564353)
YUV	74.5050, 4.1880, 10.0811
Hunter-Lab	25.7241, 6.3750, -2.8993

Details


The Hex color **564353** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **435646**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **887384**, and **281826** is the 20% darker color. If you saturate the color by 10%, you get **563A52**, and if you desaturate by 10%, it is **564C54**.

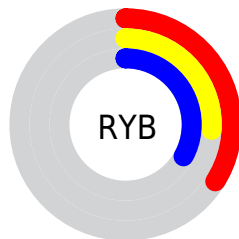
Distribution



 Red (34%)

 Green (26%)

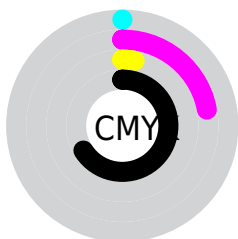
 Blue (33%)



 Red (34%)

 Yellow (26%)

 Blue (33%)

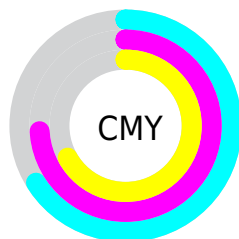



 Cyan (0%)


 Magenta (22%)

 Yellow (3%)

 Black (66%)



 Cyan (66%)

 Magenta (74%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564353 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 564353 by changing the saturation by 10% instead.

■ 564353

■ 564353

FFFFFF

■ 3F2D3C

■ 887384

■ 281826

■ A28D9F

■ 150012

■ BDA7B9

■ 000000

■ D9C2D5

■ F6DEF2

■ FFFBFF

■ 564353

■ 564353

■ 563A52

■ 564C54

■ 563250

■ 565456

■ 56294F

■ 565D57

■ 56214E

■ 566558

■ 56184C

■ 566E5A

■ 560F4B

■ 56775B

■ 560749

■ 567F5D

■ 560048

■ 56885E

■ 56905F

Harmonies

Analogous

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



4B465A



564353



5D4149

Triad

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



564353



504834



2B4E53

Complementary

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



564353



435646

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.



304F49



564353



454B37

Square

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



564353



594537



3A4D3E



304D5A

Rectangle

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



564353



5E4242



3A4D3E



2C4E4F

Sweetspot

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



564353



70686F



464356



383437



B8B8B8



383838

Same Dimension

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



564353



70526B



56434A



2B272B



6B005A



EB00C6

Inverse Universe

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



564353



70526B



43564F



2B272B



6B005A



EB00C6

Previews

White Background



This preview shows how the Hex color 564353 looks on a white background.

Color Contrast Check

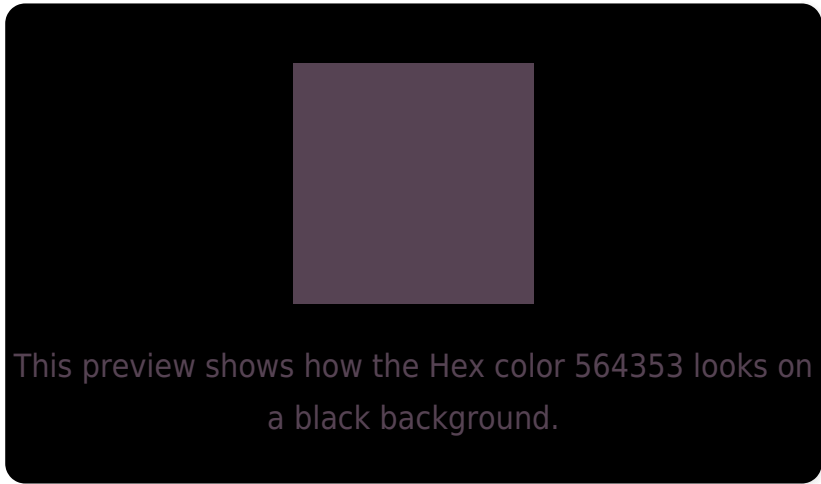
Large Text (above 18pt) WCAG AA ✓ Pass

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

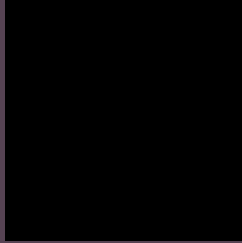
Any Text WCAG AA × Fail

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 564353 Background



This preview shows how black text looks on a background with the Hex color 564353.

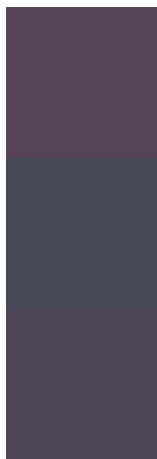


This preview shows how white text looks on a background with the Hex color 564353.

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
564353

Protanopia
464856

Deuteranopia
4C4752



Tritanopia
55454A

Trichromacy



Original Color

564353

Protanomaly

4C4655

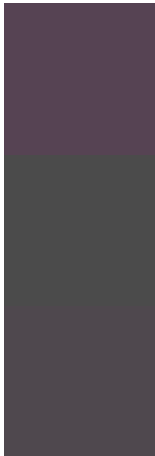
Deuteranomaly

504652

Tritanomaly

55444D

Monochromacy



Original Color

564353

Achromatopsia

4B4B4B

Achromatomaly

4F484E

CSS Examples

Text

The CSS property to change the color of the text to Hex 564353 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 #564353 looks like.

```
.text, #text, p{  
    color:#564353  
}
```

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 #564353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564353
}
```

Border

The CSS property to change the border of an element to Hex 564353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

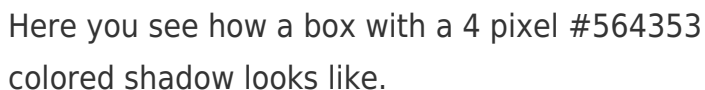
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564353 }
```

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

```
.border{ border-color:#564353 }
```

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



Here you see how a box with a 4 pixel #564353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564353; -webkit-box-shadow:4px 4px  
4px 4px #564353; box-shadow:4px 4px 4px  
4px #564353 }
```

Background

The CSS property to change the background color of an element to Hex 564353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564353 }
```

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

```
.background{ background-color:#564353 }
```

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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