

Converting Colors

Hex(563857)

Have a look what the booklet for
Hex(563857) contains.

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Color

Hex(563857)

Conversions

Conversions Part 1

Format	Color
Hex	563857
RGB	86, 56, 87
RGB Percent	34%, 22%, 34%
CMY	0.6627, 0.7804, 0.6588
CMYK	0.01, 0.36, 0.00, 0.66
HSL	298°, 22%, 28%
HSV	298°, 36%, 34%
XYZ	6.9722, 5.4949, 9.7100
YIQ	68.5040, 7.9290, 16.0010

Conversions

Conversions Part 2

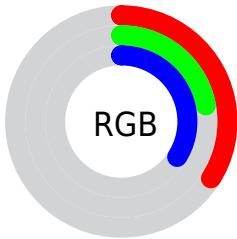
Format	Color
RYB	86, 56, 87
Decimal	5650519
CIELab	28.10, 19.22, -13.32
CIELCh	28, 23.381, 325.275
Yxy	5.4949, 0.3144, 0.2478
Android (android.graphics.Color)	4283840599 (0xFF563857)
YUV	68.5040, 9.1185, 15.3440
Hunter-Lab	23.4412, 12.0700, -8.1507




Details

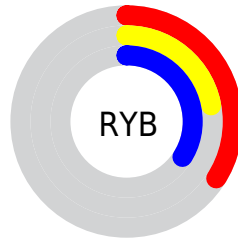
The Hex color **563857** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **395738**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **886889**, and **280D2A** is the 20% darker color. If you saturate the color by 10%, you get **562F57**, and if you desaturate by 10%, it is **564157**.

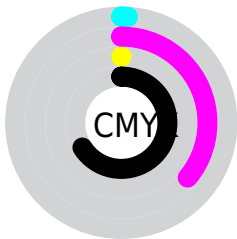
Distribution







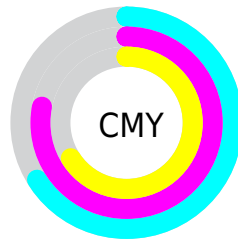
-  Red (34%)
-  Green (22%)
-  Blue (34%)






-  Red (34%)
-  Yellow (22%)
-  Blue (34%)



-  Cyan (1%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (78%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563857 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 563857 by changing the saturation by 10% instead.

■ 563857

■ 563857

FFFFFF

■ 3E2240

■ 886889

■ 280D2A

■ A381A3

■ 100015

■ BE9BBE

■ 000000

■ DAB6DA

■ F7D2F7

■ FFEEFF

■ 563857

■ 563857

■ 562F57

■ 564157

■ 552757

■ 574957

■ 551E57

■ 575257

■ 551557

■ 575B57

■ 550C57

■ 576357

■ 540457

■ 586C57

■ 540057

■ 587557

■ 587E57

■ 598657

Harmonies

Analogous

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



403F63



563857



623446

Triad

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



563857



50401E



004B51

Complementary

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



563857



395738

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.



074B3F



563857



3E4621

Square

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



563857



5D3A25



294A2D



00495F

Rectangle

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



563857



65343A



294A2D



004C4B

Sweetspot

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



563857



706470



383957



383138



B8B8B8



383838

Same Dimension

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



563857



6F4070



573849



2B272B



68006B



E300EB

Inverse Universe

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



573839



704042



385746



2B2727



6B0003



EB0008

Previews

White Background



This preview shows how the Hex color 563857 looks on a white background.

Color Contrast Check

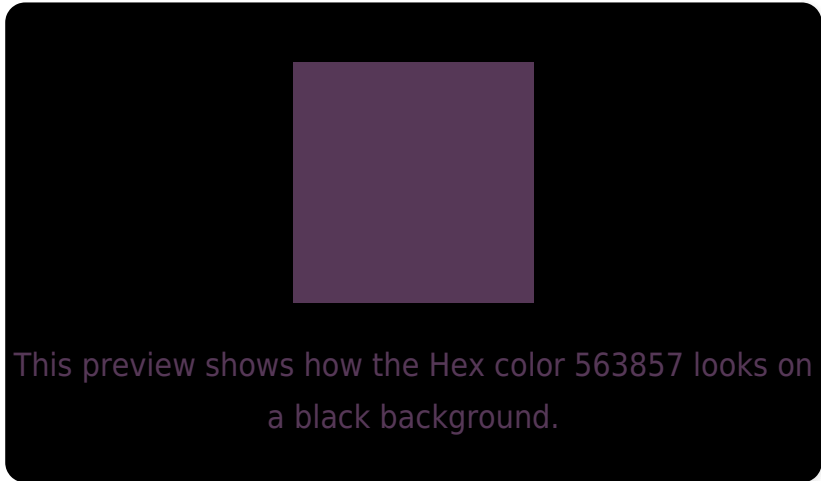
Large Text (above 18pt) WCAG AA ✓ Pass

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

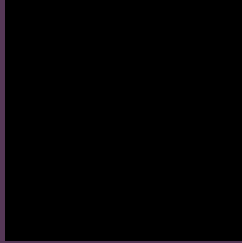
Any Text WCAG AA × Fail

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 563857 Background



This preview shows how black text looks on a background with the Hex color 563857.



This preview shows how white text looks on a background with the Hex color 563857.

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
563857

Protanopia
3A425E

Deuteranopia
3F4155



Tritanopia
533C41

Trichromacy



Original Color
563857

Protanomaly
443E5B

Deuteranomaly
473E56

Tritanomaly
543B49

Monochromacy



Original Color
563857

Achromatopsia
454545

Achromatomaly
4B404C

CSS Examples

Text

The CSS property to change the color of the text to Hex 563857 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 #563857 looks like.

```
.text, #text, p{  
    color:#563857  
}
```

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 #563857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563857
}
```

Border

The CSS property to change the border of an element to Hex 563857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

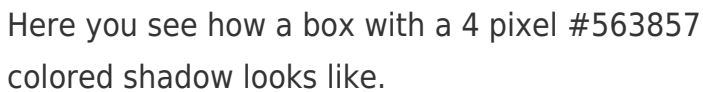
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563857 }
```

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

```
.border{ border-color:#563857 }
```

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



Here you see how a box with a 4 pixel #563857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563857; -webkit-box-shadow:4px 4px  
4px 4px #563857; box-shadow:4px 4px 4px  
4px #563857 }
```

Background

The CSS property to change the background color of an element to Hex 563857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563857 }
```

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

```
.background{ background-color:#563857 }
```

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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