

Converting Colors

Hex(563C5C)

Have a look what the booklet for
Hex(563C5C) contains.

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Color

Hex(563C5C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 563C5C |
| RGB | 86, 60, 92 |
| RGB Percent | 34%, 24%, 36% |
| CMY | 0.6627, 0.7647, 0.6392 |
| CMYK | 0.07, 0.35, 0.00, 0.64 |
| HSL | 289°, 21%, 30% |
| HSV | 289°, 35%, 36% |
| XYZ | 7.3854, 5.9829, 10.8908 |
| YIQ | 71.4220, 5.2240, 15.4640 |

Conversions

Conversions Part 2

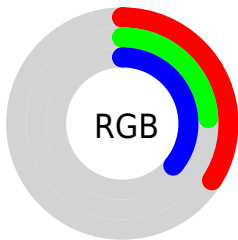
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 86, 60, 92 |
| Decimal | 5651548 |
| CIE _{Lab} | 29.37, 17.80, -14.62 |
| CIE _{LCh} | 29, 23.035, 320.616 |
| Yxy | 5.9829, 0.3044, 0.2466 |
| Android (android.graphics.Color) | 4283841628 (0xFF563C5C) |
| YUV | 71.4220, 10.1450, 12.7849 |
| Hunter-Lab | 24.4599, 11.0912, -9.2770 |




Details

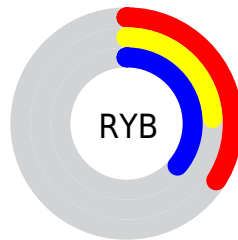
The Hex color **563C5C** is a dark color, and the websafe version is hex **663366**, and the color name is **english violet**. A complement of this color would be **425C3C**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **886C8E**, and **28112E** is the 20% darker color. If you saturate the color by 10%, you get **54335C**, and if you desaturate by 10%, it is **58455C**.

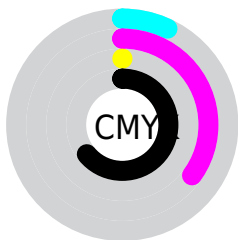
Distribution







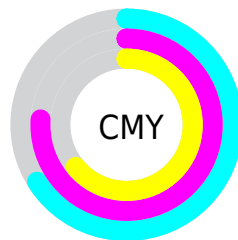
-  Red (34%)
-  Green (24%)
-  Blue (36%)






-  Red (34%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (7%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (66%)
-  Magenta (76%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563C5C 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 563C5C by changing the saturation by 10% instead.

■ 563C5C

■ 563C5C

FFFFFF

■ 3E2644

■ 886C8E

■ 28112E

■ A385A9

■ 14001A

■ BE9FC4

■ 000000

■ DABAE0

■ F6D6FD

■ FFF3FF

■ 563C5C

■ 563C5C

■ 54335C

■ 58455C

■ 532A5C

■ 594E5C

■ 51205C

■ 5B585C

■ 4F175C

■ 5D615C

■ 4D0E5C

■ 5F6A5C

■ 4C055C

■ 60735C

■ 4B005C

■ 627C5C

■ 64865C

■ 668F5C

Harmonies

Analogous

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



3E4367



563C5C



64374C

Triad

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



563C5C



554222



004E51

Complementary

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



563C5C



425C3C

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.



144E3F



563C5C



444823

Square

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



563C5C



623C2A



2F4C2E



004D60

Rectangle

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



563C5C



67373F



2F4C2E



004F4B

Sweetspot

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



563C5C



766C78



3C425C



3C363D



BDBDBD



3D3D3D

Same Dimension

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



563C5C



6E4678



5C3C52



2D292E



59006E



C100ED

Inverse Universe

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



5C3C42



78464F



3C5C46



2E292A



6E0015



ED002C

Previews

White Background



This preview shows how the Hex color 563C5C looks on a white background.

Color Contrast Check

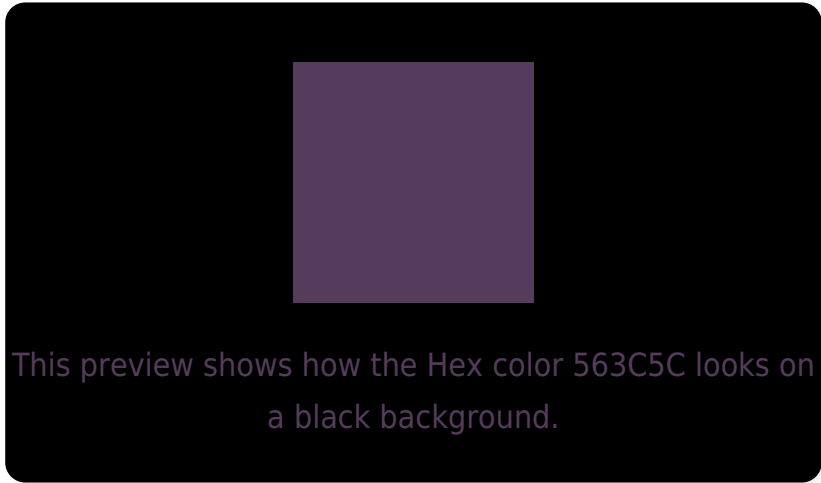
Large Text (above 18pt) WCAG AA ✓ Pass

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

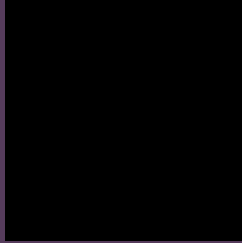
Any Text WCAG AA × Fail

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 563C5C Background



This preview shows how black text looks on a background with the Hex color 563C5C.



This preview shows how white text looks on a background with the Hex color 563C5C.

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](#).

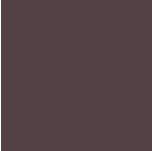
Dichromacy



Original Color
563C5C

Protanopia
3C4463

Deuteranopia
41445A



Tritanopia
534146

Trichromacy



Original Color
563C5C

Protanomaly
454160

Deuteranomaly
49415B

Tritanomaly
543F4E

Monochromacy



Original Color
563C5C

Achromatopsia
474747

Achromatomaly
4C434F

CSS Examples

Text

The CSS property to change the color of the text to Hex 563C5C 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 #563C5C looks like.

```
.text, #text, p{  
    color:#563C5C  
}
```

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 #563C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563C5C
}
```

Border

The CSS property to change the border of an element to Hex 563C5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

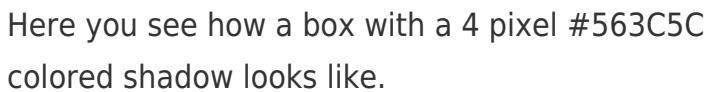
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563C5C }
```

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

```
.border{ border-color:#563C5C }
```

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



Here you see how a box with a 4 pixel #563C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563C5C; -webkit-box-shadow:4px 4px  
4px 4px #563C5C; box-shadow:4px 4px 4px  
4px #563C5C }
```

Background

The CSS property to change the background color of an element to Hex 563C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563C5C }
```

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

```
.background{ background-color:#563C5C }
```

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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