

Converting Colors

Hex(563148)

Have a look what the booklet for
Hex(563148) contains.

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Color

Hex(563148)

Conversions

Conversions Part 1

Format	Color
Hex	563148
RGB	86, 49, 72
RGB Percent	34%, 19%, 28%
CMY	0.6627, 0.8078, 0.7176
CMYK	0.00, 0.43, 0.16, 0.66
HSL	323°, 27%, 26%
HSV	323°, 43%, 34%
XYZ	6.1058, 4.6429, 6.7053
YIQ	62.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

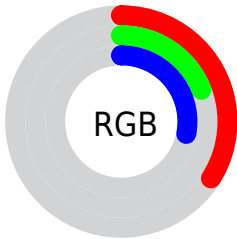
Format	Color
RYB	86, 49, 72
Decimal	5648712
CIELab	25.69, 20.54, -7.10
CIELCh	26, 21.732, 340.941
Yxy	4.6429, 0.3498, 0.2660
Android (android.graphics.Color)	4283838792 (0xFF563148)
YUV	62.6850, 4.5923, 20.4473
Hunter-Lab	21.5475, 12.8722, -3.3669

Details

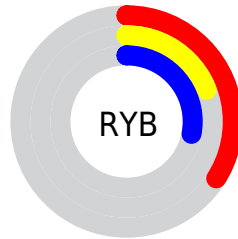
The Hex color **563148** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **31563F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **896078**, and **28051D** is the 20% darker color. If you saturate the color by 10%, you get **562845**, and if you desaturate by 10%, it is **563A4B**.

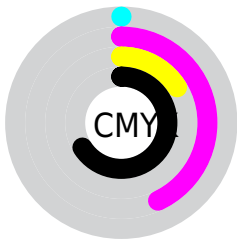
Distribution



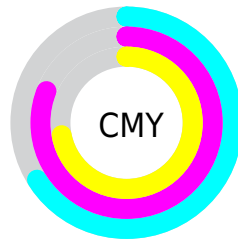
- Red (34%)
- Green (19%)
- Blue (28%)



- Red (34%)
- Yellow (19%)
- Blue (28%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (66%)



- Cyan (66%)
- Magenta (81%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563148 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 563148 by changing the saturation by 10% instead.

■ 563148

■ 563148

FFFFFF

■ 3E1B32

■ 896078

■ 28051D

■ A37992

■ 050000

■ BF93AD

■ 000000

■ DBAEC8

■ F7C9E4

■ FFE6FF

■ 563148

■ 563148

■ 562845

■ 563A4B

■ 562041

■ 56424F

■ 56173E

■ 564B52

■ 560F3B

■ 565355

■ 560638

■ 565C58

■ 560035

■ 56655C

■ 566D5F

■ 567662

■ 567E65

Harmonies

Analogous

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



463656



563148



5C2F37

Triad

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



563148



413E1C



004452

Complementary

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



563148



31563F

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.



004543



563148



2F4223

Square

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



563148



50381E



194532



06415C

Rectangle

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



563148



5B312D



194532



00454D

Sweetspot

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



563148



70626B



3F3156



382F35



B8B8B8



383838

Same Dimension

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



563148



70365A



563136



2B272A



6B0043



EB0092

Inverse Universe

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



563148



70365A



315651



2B272A



6B0043



EB0092

Previews

White Background



This preview shows how the Hex color 563148 looks on a white background.

Color Contrast Check

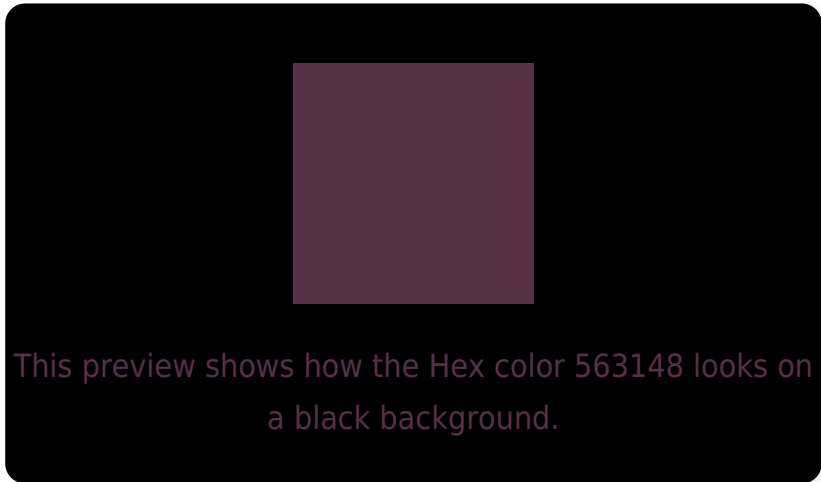
Large Text (above 18pt) WCAG AA ✓ Pass

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

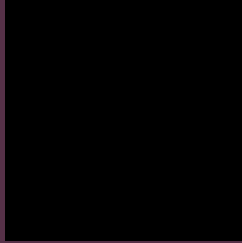
Any Text WCAG AA × Fail

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 563148 Background



This preview shows how black text looks on a background with the Hex color 563148.



This preview shows how white text looks on a background with the Hex color 563148.

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
563148

Protanopia
383D50

Deuteranopia
3F3C46



Tritanopia
543438

Trichromacy



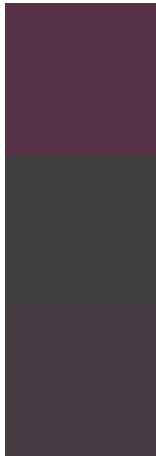
Original Color
563148

Protanomaly
43394D

Deuteranomaly
473847

Tritanomaly
55333E

Monochromacy



Original Color
563148

Achromatopsia
3F3F3F

Achromatomaly
473A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 563148 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 #563148 looks like.

```
.text, #text, p{  
    color:#563148  
}
```

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 #563148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563148
}
```

Border

The CSS property to change the border of an element to Hex 563148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

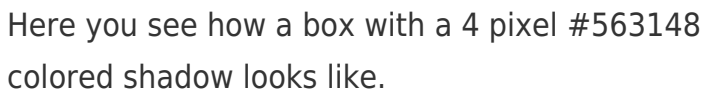
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563148 }
```

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

```
.border{ border-color:#563148 }
```

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



Here you see how a box with a 4 pixel #563148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563148; -webkit-box-shadow:4px 4px  
4px 4px #563148; box-shadow:4px 4px 4px  
4px #563148 }
```

Background

The CSS property to change the background color of an element to Hex 563148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563148 }
```

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

```
.background{ background-color:#563148 }
```

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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