

Converting Colors

Hex(575A56)

Have a look what the booklet for
Hex(575A56) contains.

Hex(575A56)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(575A56)

Conversions

Conversions Part 1

Format	Color
Hex	575A56
RGB	87, 90, 86
RGB Percent	34%, 35%, 34%
CMY	0.6588, 0.6471, 0.6627
CMYK	0.03, 0.00, 0.04, 0.65
HSL	105°, 2%, 35%
HSV	105°, 4%, 35%
XYZ	9.2664, 10.0105, 10.2479
YIQ	88.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

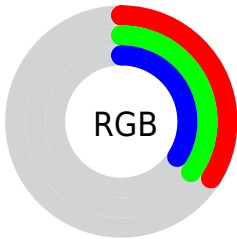
Format	Color
R_{YB}	86, 90, 89
Decimal	5724758
CIE _{Lab}	37.86, -2.04, 1.89
CIE _{LCh}	38, 2.778, 137.159
Yxy	10.0105, 0.3139, 0.3391
Android (android.graphics.Color)	4283914838 (0xFF575A56)
YUV	88.6470, -1.3050, -1.4444
Hunter-Lab	31.6393, -3.0906, 2.9436

Details

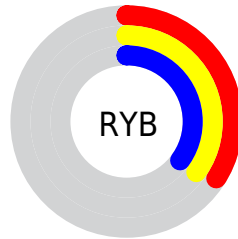
The Hex color **575A56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **59565A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **898C88**, and **2A2D29** is the 20% darker color. If you saturate the color by 10%, you get **505A4D**, and if you desaturate by 10%, it is **5E5A5F**.

Distribution



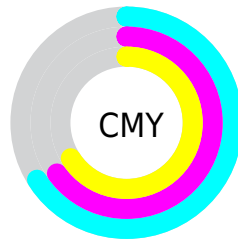
- Red (34%)
- Green (35%)
- Blue (34%)



- Red (34%)
- Yellow (35%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (65%)



- Cyan (66%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 575A56 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 575A56 by changing the saturation by 10% instead.



575A56



575A56

FFFFFF



40433F



898C88



2A2D29



A3A6A2



151815



BEC1BD



000000



DADDD9



F6FAF5



575A56



575A56



505A4D



5E5A5F



495A44



655A68

■ 435A3B

■ 6B5A71

■ 3C5A32

■ 725A7A

■ 355A29

■ 795A83

■ 2E5A20

■ 805A8C

■ 285A17

■ 865A95

■ 215A0E

■ 8D5A9E

■ 1A5A05

■ 945AA7

Harmonies

Analogous

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



5A5955



575A56



555A58

Triad

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



575A56



565A5D



5E5858

Complementary

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



575A56



59565A

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.



5D585A



575A56



58595D

Square

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



575A56



545A5C



5B585C



5E5856

Rectangle

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



575A56



545A5A



5B585C



5E5859

Sweetspot

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



575A56



747574



5A5956



3A3B3A



BABABA



3B3B3B

Same Dimension

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



575A56



71756F



565A57



2C2E2B



1B6E00



3BED00

Inverse Universe

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



59565A



746F75



5A5659



2D2B2E



52006E



B200ED

Previews

White Background



This preview shows how the Hex color 575A56 looks on a white background.

Color Contrast Check

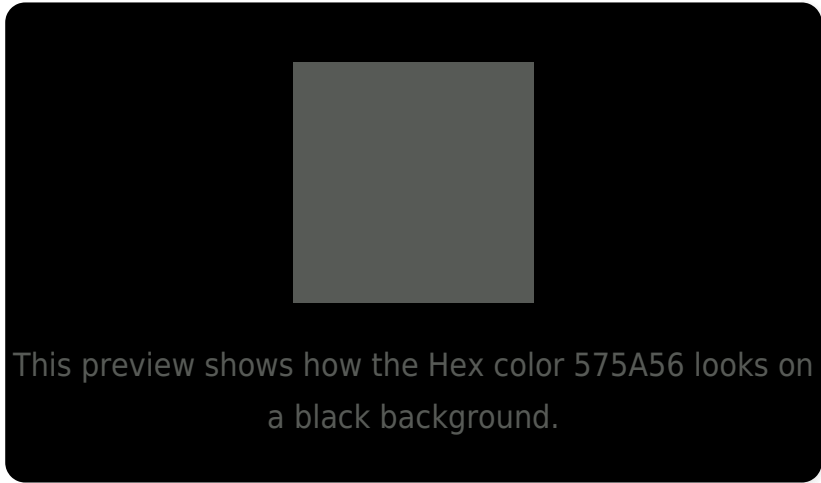
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

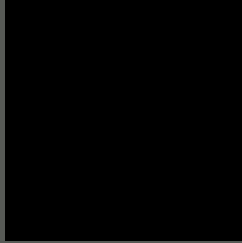
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

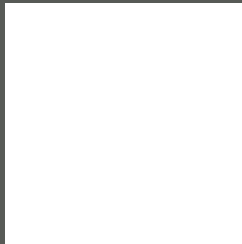
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 575A56 Background



This preview shows how black text looks on a background with the Hex color 575A56.



This preview shows how white text looks on a background with the Hex color 575A56.

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

575A56

Protanopia

5B5955

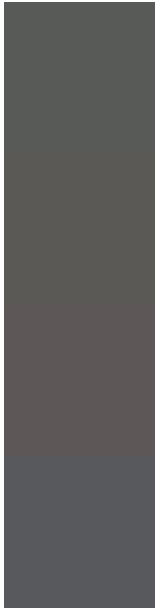
Deuteranopia

625657



Tritanopia
585960

Trichromacy



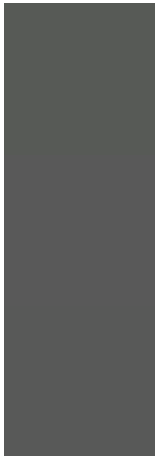
Original Color
575A56

Protanomaly
5A5955

Deuteranomaly
5E5757

Tritanomaly
58595C

Monochromacy



Original Color
575A56

Achromatopsia
595959

Achromatomaly
585958

CSS Examples

Text

The CSS property to change the color of the text to Hex 575A56 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 #575A56 looks like.

```
.text, #text, p{  
    color:#575A56  
}
```

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 #575A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575A56
}
```

Border

The CSS property to change the border of an element to Hex 575A56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

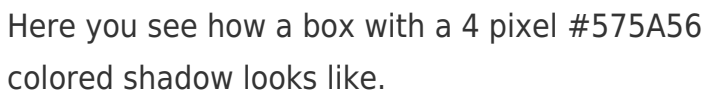
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#575A56 }
```

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

```
.border{ border-color:#575A56 }
```

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



Here you see how a box with a 4 pixel #575A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575A56; -webkit-box-shadow:4px 4px  
4px 4px #575A56; box-shadow:4px 4px 4px  
4px #575A56 }
```

Background

The CSS property to change the background color of an element to Hex 575A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575A56 }
```

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

```
.background{ background-color:#575A56 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor