

Converting Colors

Hex(575161)

Have a look what the booklet for
Hex(575161) contains.

Hex(575161)	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(575161)

Conversions

Conversions Part 1

Format	Color
Hex	575161
RGB	87, 81, 97
RGB Percent	34%, 32%, 38%
CMY	0.6588, 0.6824, 0.6196
CMYK	0.10, 0.16, 0.00, 0.62
HSL	262°, 9%, 35%
HSV	262°, 16%, 38%
XYZ	9.0306, 8.7742, 12.5269
YIQ	84.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

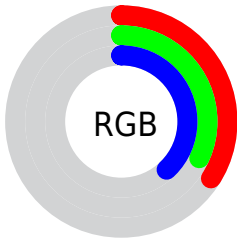
Format	Color
R_{YB}	87, 81, 97
Decimal	5722465
CIE Lab	35.55, 5.97, -8.40
CIE LCh	36, 10.308, 305.420
Yxy	8.7742, 0.2977, 0.2893
Android (android.graphics.Color)	4283912545 (0xFF575161)
YUV	84.6180, 6.1043, 2.0890
Hunter-Lab	29.6212, 2.5819, -4.3390

Details

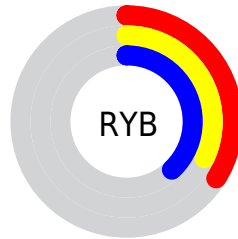
The Hex color **575161** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B6151**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **898294**, and **2A2433** is the 20% darker color. If you saturate the color by 10%, you get **514761**, and if you desaturate by 10%, it is **5D5B61**.

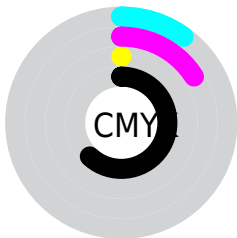
Distribution



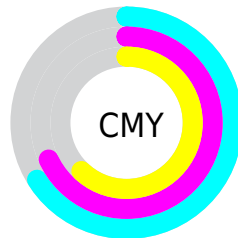
- Red (34%)
- Green (32%)
- Blue (38%)



- Red (34%)
- Yellow (32%)
- Blue (38%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (62%)



- Cyan (66%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 575161 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 575161 by changing the saturation by 10% instead.

■ 575161

■ 575161

FFFFFF

■ 403A49

■ 898294

■ 2A2433

■ A39CAE

■ 16101E

■ BEB7CA

■ 000002

■ DAD3E6

■ 000000

■ F7EFFF

■ 575161

■ 575161

■ 514761

■ 5D5B61

■ 4B3E61

■ 636461

■ 453461

■ 696E61

■ 3F2A61

■ 6F7861

■ 392161

■ 758261

■ 331761

■ 7B8B61

■ 2D0D61

■ 819561

■ 270361

■ 879F61

■ 240061

■ 8EA861

Harmonies

Analogous

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



4C5464



575161



604F5B

Triad

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



575161



605145



3F5855

Complementary

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



575161



5B6151

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.



46584D



575161



595443

Square

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



575161



644F4A



4F5646



3E585D

Rectangle

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



575161



634E55



4F5646



415852

Sweetspot

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



575161



79777D



515B61



3D3C40



BFBFBF



404040

Same Dimension

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



575161



6D647D



5F5161



2D2C30



2A0070



5A00F0

Inverse Universe

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



61515B



7D6474



536151



302C2F



700046



F00096

Previews

White Background



This preview shows how the Hex color 575161 looks on a white background.

Color Contrast Check

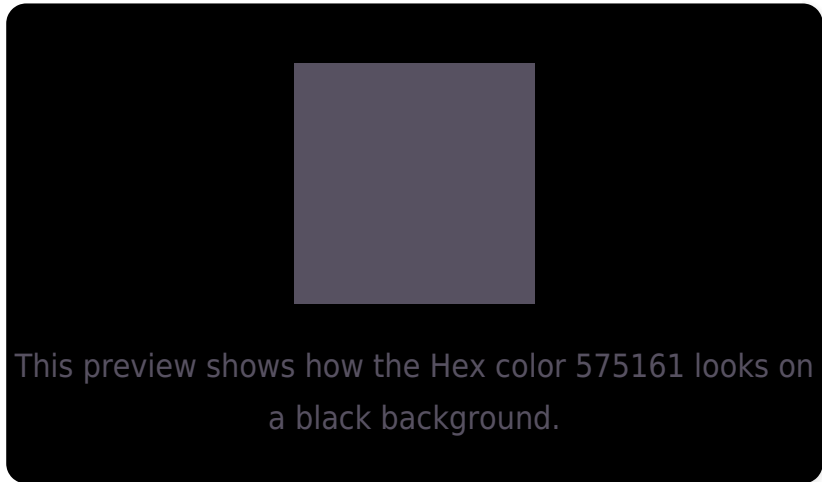
Large Text (above 18pt) WCAG AA ✓ Pass

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

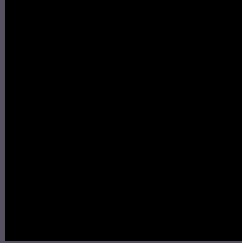
Any Text WCAG AA × Fail

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 575161 Background



This preview shows how black text looks on a background with the Hex color 575161.



This preview shows how white text looks on a background with the Hex color 575161.

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
575161

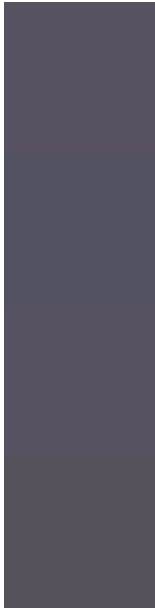
Protanopia
515362

Deuteranopia
555261



Tritanopia
565259

Trichromacy



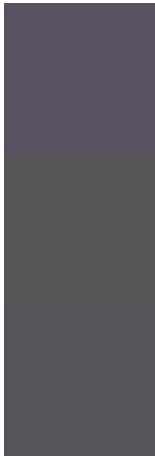
Original Color
575161

Protanomaly
535262

Deuteranomaly
565261

Tritanomaly
56525C

Monochromacy



Original Color
575161

Achromatopsia
555555

Achromatomaly
565459

CSS Examples

Text

The CSS property to change the color of the text to Hex 575161 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 #575161 looks like.

```
.text, #text, p{  
    color:#575161  
}
```

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 #575161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575161
}
```

Border

The CSS property to change the border of an element to Hex 575161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

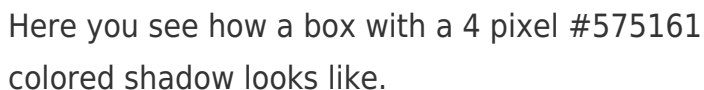
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#575161 }
```

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

```
.border{ border-color:#575161 }
```

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



Here you see how a box with a 4 pixel #575161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575161; -webkit-box-shadow:4px 4px  
4px 4px #575161; box-shadow:4px 4px 4px  
4px #575161 }
```

Background

The CSS property to change the background color of an element to Hex 575161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575161 }
```

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

```
.background{ background-color:#575161 }
```

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