

Converting Colors

Hex(566163)

Have a look what the booklet for
Hex(566163) contains.

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Color

Hex(566163)

Conversions

Conversions Part 1

Format	Color
Hex	566163
RGB	86, 97, 99
RGB Percent	34%, 38%, 39%
CMY	0.6627, 0.6196, 0.6118
CMYK	0.13, 0.02, 0.00, 0.61
HSL	189°, 7%, 36%
HSV	189°, 13%, 39%
XYZ	10.3646, 11.4287, 13.4641
YIQ	93.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

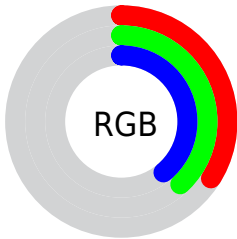
Format	Color
R _Y B	86, 92, 99
Decimal	5661027
CIE Lab	40.29, -3.77, -2.58
CIE LCh	40, 4.567, 214.442
Yxy	11.4287, 0.2940, 0.3242
Android (android.graphics.Color)	4283851107 (0xFF566163)
YUV	93.9390, 2.4951, -6.9625
Hunter-Lab	33.8063, -4.4353, 0.0510

Details

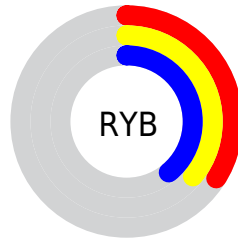
The Hex color **566163** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **635856**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **889496**, and **293335** is the 20% darker color. If you saturate the color by 10%, you get **4C5F63**, and if you desaturate by 10%, it is **606363**.

Distribution



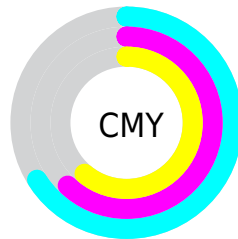
- Red (34%)
- Green (38%)
- Blue (39%)



- Red (34%)
- Yellow (36%)
- Blue (39%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (61%)



- Cyan (66%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566163 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 566163 by changing the saturation by 10% instead.

■ 566163

■ 566163

FFFFFF

■ 3F494B

■ 889496

■ 293335

■ A2AEB0

■ 141E1F

■ BDCACC

■ 000207

■ D9E6E8

■ 000000

■ F5FFFF

■ 566163

■ 566163

■ 4C5F63

■ 606363

■ 425E63

■ 6A6463

■ 385C63

■ 746663

■ 2E5B63

■ 7E6763

■ 255963

■ 886963

■ 1B5863

■ 916A63

■ 115663

■ 9B6C63

■ 075563

■ A56D63

■ 005463

■ AF6F63

Harmonies

Analogous

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



56615F



566163



586066

Triad

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



566163



645D62



625F58

Complementary

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



566163



635856

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.



655E58



566163



675C5F

Square

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



566163



605E65



675D5B



5D6059

Rectangle

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



566163



5A5F66



675D5B



635E58

Sweetspot

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



566163



7A7F80



566358



3D3F40



BFBFBF



404040

Same Dimension

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



566163



6B7C80



565B63



2C3030



005F70



00CBF0

Inverse Universe

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



635661



806B7C



635E56



302C30



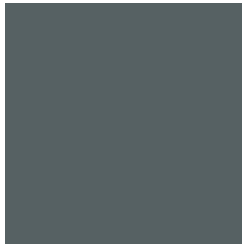
70005F



F000CB

Previews

White Background



This preview shows how the Hex color 566163 looks on a white background.

Color Contrast Check

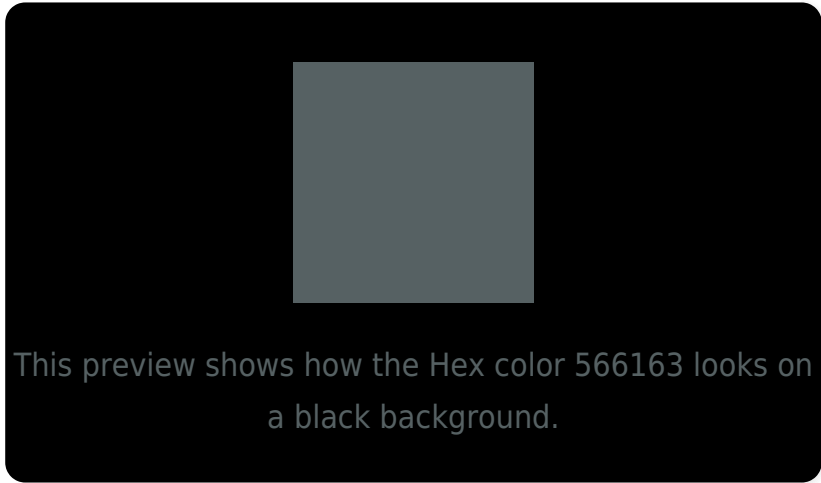
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

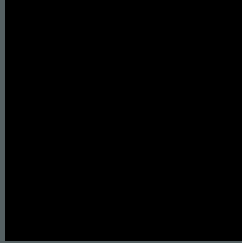
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

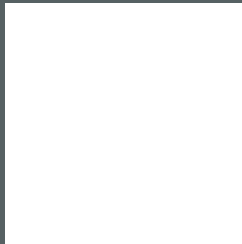
Any Text WCAG AAA × Fail

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

Hex 566163 Background



This preview shows how black text looks on a background with the Hex color 566163.



This preview shows how white text looks on a background with the Hex color 566163.

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
566163

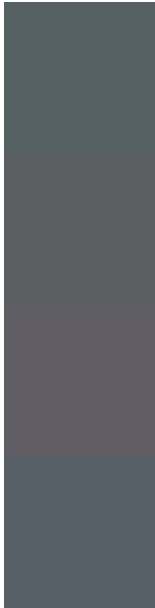
Protanopia
605E61

Deuteranopia
665C64



Tritanopia
576068

Trichromacy



Original Color

566163

Protanomaly

5C5F62

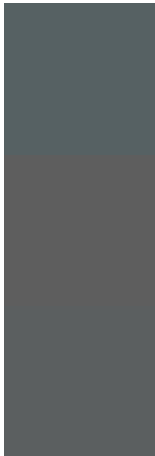
Deuteranomaly

605E64

Tritanomaly

576066

Monochromacy



Original Color

566163

Achromatopsia

5E5E5E

Achromatomaly

5B5F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 566163 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 #566163 looks like.

```
.text, #text, p{  
    color:#566163  
}
```

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 #566163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566163
}
```

Border

The CSS property to change the border of an element to Hex 566163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

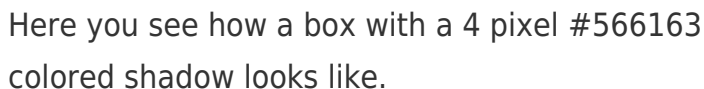
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#566163 }
```

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

```
.border{ border-color:#566163 }
```

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



Here you see how a box with a 4 pixel #566163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566163; -webkit-box-shadow:4px 4px  
4px 4px #566163; box-shadow:4px 4px 4px  
4px #566163 }
```

Background

The CSS property to change the background color of an element to Hex 566163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566163 }
```

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

```
.background{ background-color:#566163 }
```

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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