

Converting Colors

Hex(56766D)

Have a look what the booklet for
Hex(56766D) contains.

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Color

Hex(56766D)

Conversions

Conversions Part 1

Format	Color
Hex	56766D
RGB	86, 118, 109
RGB Percent	34%, 46%, 43%
CMY	0.6627, 0.5373, 0.5725
CMYK	0.27, 0.00, 0.08, 0.54
HSL	163°, 16%, 40%
HSV	163°, 27%, 46%
XYZ	13.0765, 16.0394, 16.8747
YIQ	107.4060, -16.1830, -9.5830

Conversions

Conversions Part 2

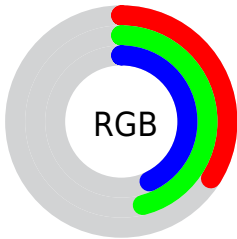
Format	Color
R_{YB}	86, 105, 118
Decimal	5666413
CIE _{Lab}	47.03, -13.54, 1.24
CIE _{LCh}	47, 13.601, 174.783
Y _{xy}	16.0394, 0.2843, 0.3488
Android (android.graphics.Color)	4283856493 (0xFF56766D)
YUV	107.4060, 0.7858, -18.7731
Hunter-Lab	40.0493, -11.8041, 3.0527

Details

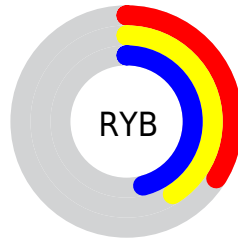
The Hex color **56766D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76565F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **89AAA0**, and **27463E** is the 20% darker color. If you saturate the color by 10%, you get **4A766A**, and if you desaturate by 10%, it is **627670**.

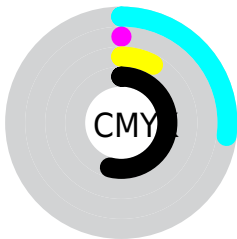
Distribution



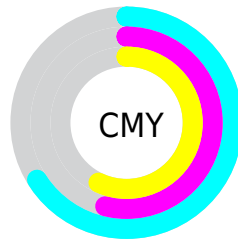
- Red (34%)
- Green (46%)
- Blue (43%)



- Red (34%)
- Yellow (41%)
- Blue (46%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (66%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56766D 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 56766D by changing the saturation by 10% instead.

■ 56766D

■ 56766D

FFFFFF

■ 3E5D55

■ 89AAA0

■ 27463E

■ A3C6BB

■ 112F28

■ BEE2D7

■ 001B13

■ DAFEF4

■ 000000

■ F7FFFF

■ 56766D

■ 56766D

■ 4A766A

■ 627670

■ 3E7666

■ 6E7674

■ 337663

■ 797677

■ 277660

■ 85767A

■ 1B765C

■ 91767E

■ 0F7659

■ 9D7681

■ 037656

■ A97684

■ 007655

■ B47688

■ C0768B

Harmonies

Analogous

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



617562



56766D



517679

Triad

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



56766D



6F6D84



836A5D

Complementary

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



56766D



76565F

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.



876866



56766D



7C6A7D

Square

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



56766D



607186



856872



7A6E59

Rectangle

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



56766D



52757F



856872



856960

Sweetspot

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



56766D



8D9996



5F7656



454D4A



CCCCCC



4D4D4D

Same Dimension

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



56766D



67998B



566F76



353B39



007A58



00FAB4

Inverse Universe

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



76565F



996775



765D56



3B3536



7A0022



FA0046

Previews

White Background



This preview shows how the Hex color 56766D looks on a white background.

Color Contrast Check

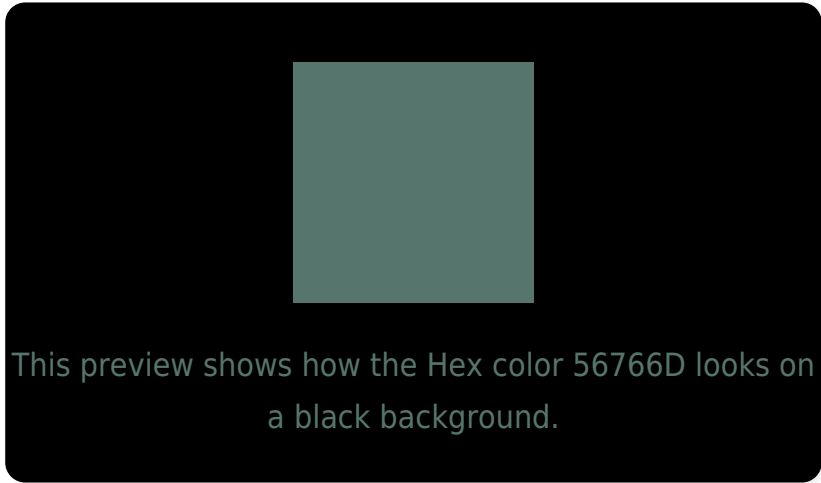
Large Text (above 18pt) WCAG AA ✓ Pass

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

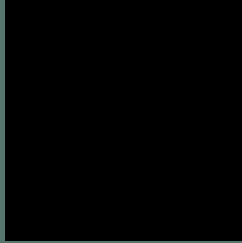
Any Text WCAG AA × Fail

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 56766D Background



This preview shows how black text looks on a background with the Hex color 56766D.

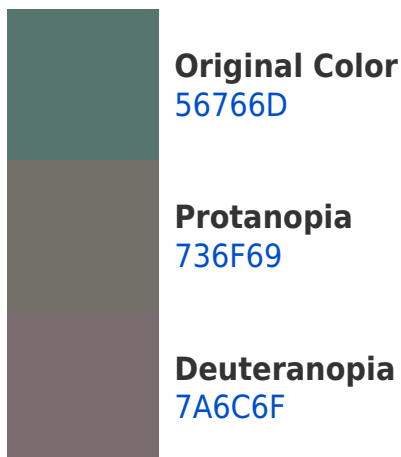


This preview shows how white text looks on a background with the Hex color 56766D.

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





Tritanopia
59747D

Trichromacy



Original Color
56766D

Protanomaly
68726A

Deuteranomaly
6D706E

Tritanomaly
587577

Monochromacy



Original Color
56766D

Achromatopsia
6B6B6B

Achromatomaly
636F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 56766D 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 #56766D looks like.

```
.text, #text, p{  
    color:#56766D  
}
```

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 #56766D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56766D
}
```

Border

The CSS property to change the border of an element to Hex 56766D 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
#56766D }
```

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

```
.border{ border-color:#56766D }
```

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

Here you see how a box with a 4 pixel #56766D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56766D; -webkit-box-shadow:4px 4px  
4px 4px #56766D; box-shadow:4px 4px 4px  
4px #56766D }
```

Background

The CSS property to change the background color of an element to Hex 56766D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56766D }
```

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

```
.background{ background-color:#56766D }
```

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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