

Converting Colors

Hex(56736A)

Have a look what the booklet for
Hex(56736A) contains.

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Color

Hex(56736A)

Conversions

Conversions Part 1

Format	Color
Hex	56736A
RGB	86, 115, 106
RGB Percent	34%, 45%, 42%
CMY	0.6627, 0.5490, 0.5843
CMYK	0.25, 0.00, 0.08, 0.55
HSL	161°, 14%, 39%
HSV	161°, 25%, 45%
XYZ	12.5700, 15.2805, 15.9226
YIQ	105.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

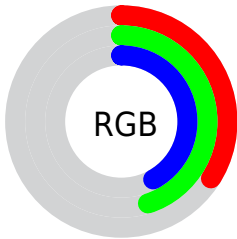
Format	Color
RYB	86, 103, 115
Decimal	5665642
CIELab	46.02, -12.57, 1.55
CIELCh	46, 12.663, 172.948
Yxy	15.2805, 0.2872, 0.3491
Android (android.graphics.Color)	4283855722 (0xFF56736A)
YUV	105.3030, 0.3436, -16.9287
Hunter-Lab	39.0903, -11.0090, 3.2127

Details

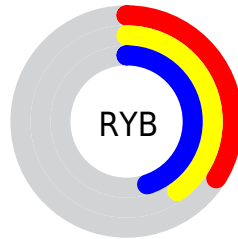
The Hex color **56736A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73565F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **88A79D**, and **27433B** is the 20% darker color. If you saturate the color by 10%, you get **4B7366**, and if you desaturate by 10%, it is **62736E**.

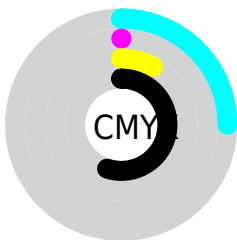
Distribution



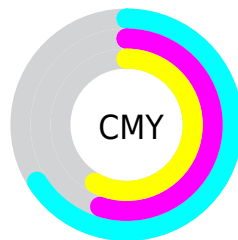
- Red (34%)
- Green (45%)
- Blue (42%)



- Red (34%)
- Yellow (40%)
- Blue (45%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (55%)



- Cyan (66%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56736A 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 56736A by changing the saturation by 10% instead.



56736A



56736A

FFFFFF



3E5A52



88A79D



27433B



A3C2B8



122D25



BEDED4



001910



DAFBF0



000000



F7FFFF



56736A



56736A



4B7366



62736E



3F7363



6D7371

■ 33735F

■ 797375

■ 28735C

■ 847378

■ 1D7358

■ 90737C

■ 117355

■ 9B737F

■ 057351

■ A67383

■ 00734F

■ B27387

■ BE738A

Harmonies

Analogous

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



607260



56736A



517375

Triad

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



56736A



6C6B80



80685C

Complementary

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



56736A



73565F

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.



836665



56736A



78687A

Square

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



56736A



5E6F82



816670



786B58

Rectangle

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



56736A



52727B



816670



82675F

Sweetspot

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



56736A



8A9693



5F7356



454D4A



CCCCCC



4D4D4D

Same Dimension

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



56736A



699688



566E73



353B39



007A54



00FAAC

Inverse Universe

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



73565F



966977



735B56



3B3537



7A0026



FA004E

Previews

White Background



This preview shows how the Hex color 56736A looks on a white background.

Color Contrast Check

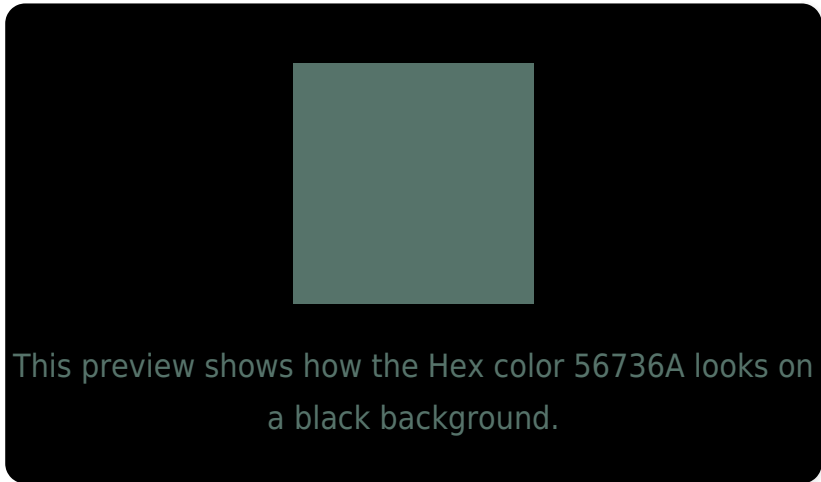
Large Text (above 18pt) WCAG AA ✓ Pass

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

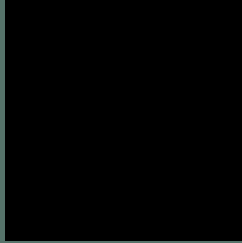
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

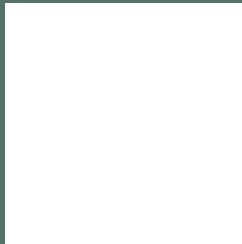
Any Text WCAG AAA × Fail

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

Hex 56736A Background



This preview shows how black text looks on a background with the Hex color 56736A.

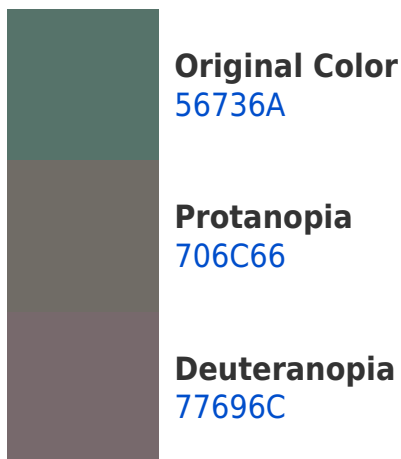


This preview shows how white text looks on a background with the Hex color 56736A.

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](#).

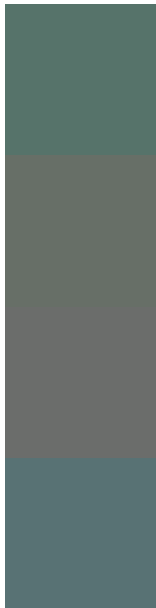
Dichromacy





Tritanopia
59717A

Trichromacy



Original Color
56736A

Protanomaly
676F67

Deuteranomaly
6B6D6B

Tritanomaly
587274

Monochromacy



Original Color
56736A

Achromatopsia
696969

Achromatomaly
626D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 56736A 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 #56736A looks like.

```
.text, #text, p{  
    color:#56736A  
}
```

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 #56736A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56736A
}
```

Border

The CSS property to change the border of an element to Hex 56736A 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
#56736A }
```

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

```
.border{ border-color:#56736A }
```

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

Here you see how a box with a 4 pixel #56736A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56736A; -webkit-box-shadow:4px 4px  
4px 4px #56736A; box-shadow:4px 4px 4px  
4px #56736A }
```

Background

The CSS property to change the background color of an element to Hex 56736A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56736A }
```

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

```
.background{ background-color:#56736A }
```

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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