

Converting Colors

Hex(56646B)

Have a look what the booklet for
Hex(56646B) contains.

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Color

Hex(56646B)

Conversions

Conversions Part 1

Format	Color
Hex	56646B
RGB	86, 100, 107
RGB Percent	34%, 39%, 42%
CMY	0.6627, 0.6078, 0.5804
CMYK	0.20, 0.07, 0.00, 0.58
HSL	200°, 11%, 38%
HSV	200°, 20%, 42%
XYZ	11.0488, 12.1543, 15.6736
YIQ	96.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

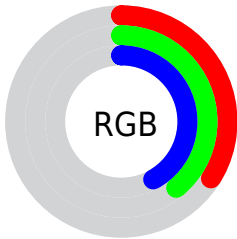
Format	Color
R_{YB}	86, 94, 107
Decimal	5661803
CIE Lab	41.46, -3.65, -5.75
CIE LCh	41, 6.810, 237.568
Yxy	12.1543, 0.2842, 0.3126
Android (android.graphics.Color)	4283851883 (0xFF56646B)
YUV	96.6120, 5.1213, -9.3067
Hunter-Lab	34.8630, -4.4402, -2.2513

Details

The Hex color **56646B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B5D56**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **88979E**, and **28353C** is the 20% darker color. If you saturate the color by 10%, you get **4B606B**, and if you desaturate by 10%, it is **61686B**.

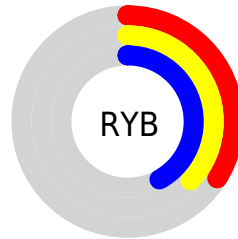
Distribution



Red (34%)

Green (39%)

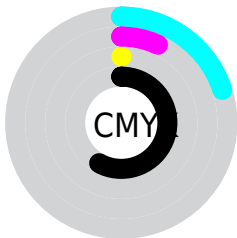
Blue (42%)



Red (34%)

Yellow (37%)

Blue (42%)

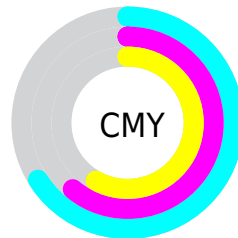


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (58%)



Cyan (66%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56646B 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 56646B by changing the saturation by 10% instead.



56646B



56646B

FFFFFF



3F4C53



88979E



28353C



A2B1B9



132026



BDCDD5



000911



D9E9F1



000000



F6FFFF



56646B



56646B



4B606B



61686B



415D6B



6B6B6B

■ 36596B

■ 766F6B

■ 2B566B

■ 81726B

■ 21526B

■ 8C766B

■ 164F6B

■ 96796B

■ 0B4B6B

■ A17D6B

■ 00476B

■ AC816B

■ B6846B

Harmonies

Analogous

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



546567



56646B



5B626D

Triad

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



56646B



6D5E62



616358

Complementary

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



56646B



6B5D56

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.



676157



56646B



6E5E5D

Square

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



56646B



695F68



6C5F59



5A645C

Rectangle

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



56646B



60616C



6C5F59



636257

Sweetspot

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



56646B



84898C



566B5D



424647



C7C7C7



474747

Same Dimension

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



56646B



6B818C



565A6B



303436



004E75



00A3F5

Inverse Universe

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



6B5664



8C6B81



6B6856



363034



75004E



F500A3

Previews

White Background



This preview shows how the Hex color 56646B looks on a white background.

Color Contrast Check

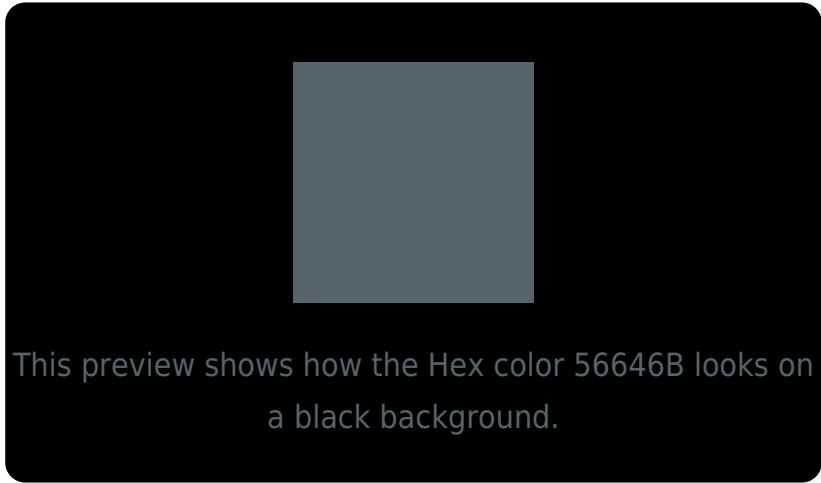
Large Text (above 18pt) WCAG AA ✓ Pass

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

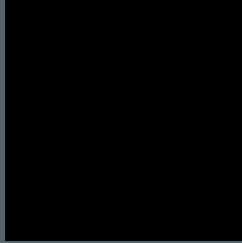
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

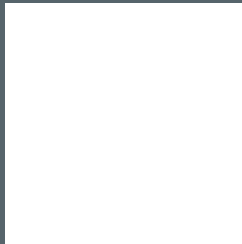
Any Text WCAG AAA × Fail

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

Hex 56646B Background



This preview shows how black text looks on a background with the Hex color 56646B.



This preview shows how white text looks on a background with the Hex color 56646B.

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](#).

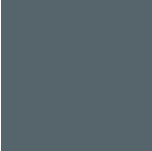
Dichromacy



Original Color
56646B

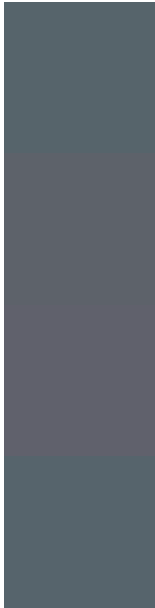
Protanopia
616169

Deuteranopia
665F6C



Tritanopia
56646C

Trichromacy



Original Color

56646B

Protanomaly

5D626A

Deuteranomaly

60616C

Tritanomaly

56646C

Monochromacy



Original Color

56646B

Achromatopsia

616161

Achromatomaly

5D6265

CSS Examples

Text

The CSS property to change the color of the text to Hex 56646B 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 #56646B looks like.

```
.text, #text, p{  
    color:#56646B  
}
```

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 #56646B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56646B
}
```

Border

The CSS property to change the border of an element to Hex 56646B 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
#56646B }
```

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

```
.border{ border-color:#56646B }
```

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

Here you see how a box with a 4 pixel #56646B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56646B; -webkit-box-shadow:4px 4px  
4px 4px #56646B; box-shadow:4px 4px 4px  
4px #56646B }
```

Background

The CSS property to change the background color of an element to Hex 56646B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56646B }
```

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

```
.background{ background-color:#56646B }
```

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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