

Converting Colors

Hex(53706B)

Have a look what the booklet for
Hex(53706B) contains.

Hex(53706B)	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(53706B)

Conversions

Conversions Part 1

Format	Color
Hex	53706B
RGB	83, 112, 107
RGB Percent	33%, 44%, 42%
CMY	0.6745, 0.5608, 0.5804
CMYK	0.26, 0.00, 0.04, 0.56
HSL	170°, 15%, 38%
HSV	170°, 26%, 44%
XYZ	12.0153, 14.4889, 16.0733
YIQ	102.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

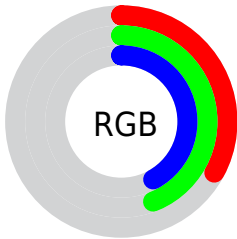
Format	Color
RYB	83, 99, 112
Decimal	5468267
CIELab	44.93, -11.67, -0.66
CIELCh	45, 11.691, 183.216
Yxy	14.4889, 0.2822, 0.3403
Android (android.graphics.Color)	4283658347 (0xFF53706B)
YUV	102.7590, 2.0908, -17.3286
Hunter-Lab	38.0643, -10.2675, 1.6088

Details

The Hex color **53706B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **705358**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **85A49E**, and **25403C** is the 20% darker color. If you saturate the color by 10%, you get **487069**, and if you desaturate by 10%, it is **5E706D**.

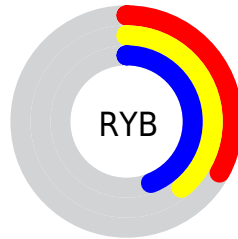
Distribution



Red (33%)

Green (44%)

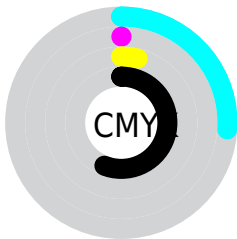
Blue (42%)



Red (33%)

Yellow (39%)

Blue (44%)

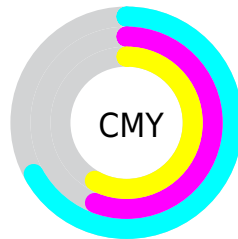


Cyan (26%)

Magenta (0%)

Yellow (4%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53706B 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 53706B by changing the saturation by 10% instead.

■ 53706B

■ 53706B

FFFFFF

■ 3B5853

■ 85A49E

■ 25403C

■ A0BFB9

■ 0E2A26

■ BBDBD5

■ 001611

■ D7F7F1

■ 000000

■ F3FFFF

■ 53706B

■ 53706B

■ 487069

■ 5E706D

■ 3D7067

■ 69706F

■ 317065

■ 757071

■ 267063

■ 807073

■ 1B7061

■ 8B7075

■ 10705F

■ 967077

■ 05705D

■ A17079

■ 00705D

■ AD707A

■ B8707C

Harmonies

Analogous

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



5B6F61



53706B



517075

Triad

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



53706B



6D677B



7A6759

Complementary

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



53706B



705358

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.



7E6460



53706B



786573

Square

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



53706B



616B7E



7E646A



716A57

Rectangle

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



53706B



536E7A



7E646A



7C665B

Sweetspot

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



53706B



86918F



587053



434A49



C9C9C9



4A4A4A

Same Dimension

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



53706B



64918A



536770



323837



007863



00F7CD

Inverse Universe

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



705358



91646C



705C53



383233



780015



F7002B

Previews

White Background



This preview shows how the Hex color 53706B looks on a white background.

Color Contrast Check

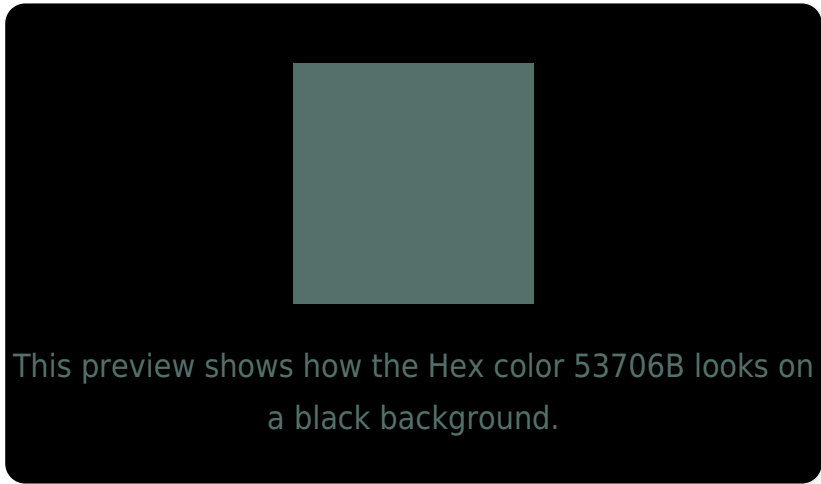
Large Text (above 18pt) WCAG AA ✓ Pass

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

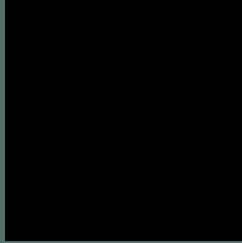
Any Text WCAG AA × Fail

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 53706B Background



This preview shows how black text looks on a background with the Hex color 53706B.

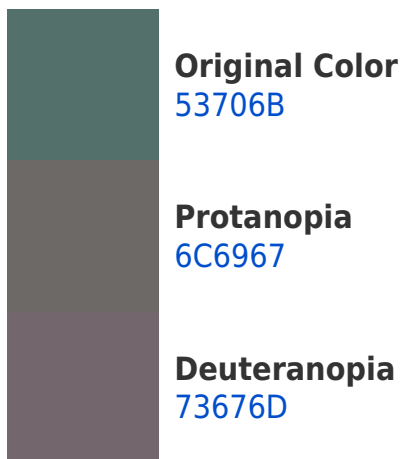


This preview shows how white text looks on a background with the Hex color 53706B.

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](#).

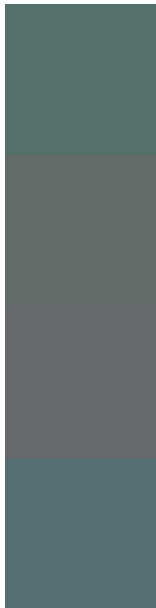
Dichromacy





Tritanopia
566E77

Trichromacy



Original Color
53706B

Protanomaly
636C68

Deuteranomaly
676A6C

Tritanomaly
556F73

Monochromacy



Original Color
53706B

Achromatopsia
676767

Achromatomaly
606A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 53706B 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 #53706B looks like.

```
.text, #text, p{  
    color:#53706B  
}
```

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 #53706B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53706B
}
```

Border

The CSS property to change the border of an element to Hex 53706B 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
#53706B }
```

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

```
.border{ border-color:#53706B }
```

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

Here you see how a box with a 4 pixel #53706B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53706B; -webkit-box-shadow:4px 4px  
4px 4px #53706B; box-shadow:4px 4px 4px  
4px #53706B }
```

Background

The CSS property to change the background color of an element to Hex 53706B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53706B }
```

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

```
.background{ background-color:#53706B }
```

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