

# Converting Colors

Hex(53686A)

Have a look what the booklet for  
Hex(53686A) contains.

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# Color

**Hex(53686A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53686A
RGB	83, 104, 106
RGB Percent	33%, 41%, 42%
CMY	0.6745, 0.5922, 0.5843
CMYK	0.22, 0.02, 0.00, 0.58
HSL	185°, 12%, 37%
HSV	185°, 22%, 42%
XYZ	11.1191, 12.7802, 15.5165
YIQ	97.9490, -13.1580, -3.8300

# Conversions

## Conversions Part 2

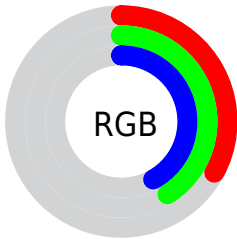
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 94, 106
Decimal	5466218
CIE <sub>Lab</sub>	42.43, -7.32, -3.72
CIE <sub>LCh</sub>	42, 8.209, 206.977
Yxy	12.7802, 0.2821, 0.3242
Android (android.graphics.Color)	4283656298 (0xFF53686A)
YUV	97.9490, 3.9691, -13.1103
Hunter-Lab	35.7495, -7.0429, -0.7092

# Details

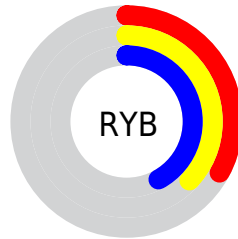
The Hex color **53686A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A5553**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **859B9D**, and **25393B** is the 20% darker color. If you saturate the color by 10%, you get **48676A**, and if you desaturate by 10%, it is **5E696A**.

# Distribution



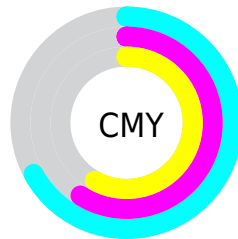
- Red (33%)
- Green (41%)
- Blue (42%)



- Red (33%)
- Yellow (37%)
- Blue (42%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (58%)



- Cyan (67%)
- Magenta (59%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53686A 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 53686A by changing the saturation by 10% instead.



■ 53686A

■ 53686A

FFFFFF

■ 3C5052

■ 859B9D

■ 25393B

■ 9FB6B8

■ 102325

■ BAD2D4

■ 000E10

■ D6EEF0

■ 000000

■ F3FFFF

■ 53686A

■ 53686A

■ 48676A

■ 5E696A

■ 3E666A

■ 686A6A

■ 33656A

■ 736B6A

■ 29646A

■ 7D6C6A

■ 1E636A

■ 886D6A

■ 13626A

■ 936E6A

■ 09626A

■ 9D6E6A

■ 00616A

■ A86F6A

■ B2706A

# Harmonies

## Analogous

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



556863



53686A



56676F

# Triad

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



53686A



6C616C



6A6357

# Complementary

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



53686A



6A5553

# 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.



706159



53686A



716065

# Square

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



53686A



656370



73605E



636658

# Rectangle

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



53686A



5A6671



73605E



6D6357



# Sweetspot

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



53686A



80898A



536A55



3F4445



C4C4C4



454545



# Same Dimension

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



53686A



66878A



535D6A



303536



006B75



00E0F5



# Inverse Universe

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



6A5368



8A6687



6A6053



363035



75006B



F500E0



# Previews

## White Background



This preview shows how the Hex color 53686A looks on a white background.

## Color Contrast Check

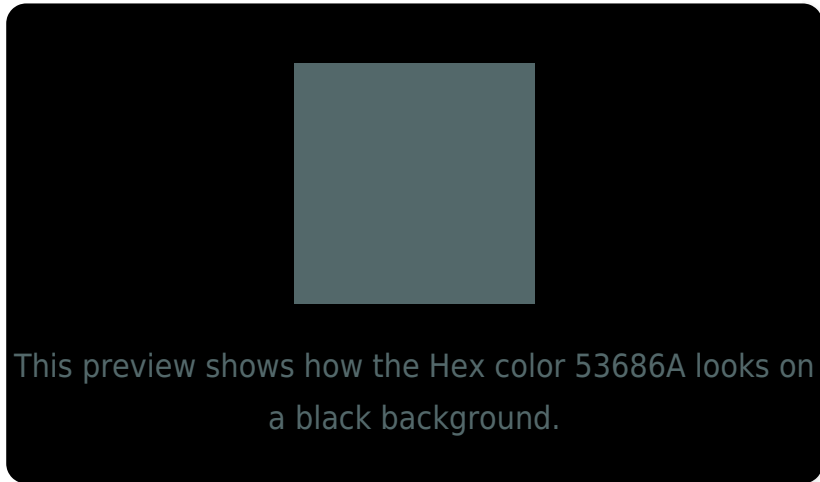
Large Text (above 18pt) WCAG AA ✓ Pass

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

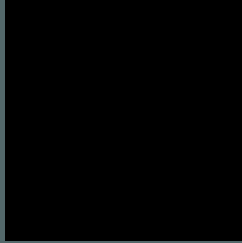
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53686A Background



This preview shows how black text looks on a background with the Hex color 53686A.



This preview shows how white text looks on a background with the Hex color 53686A.

# 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](#).

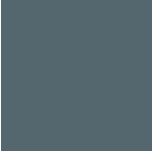
## Dichromacy



**Original Color**  
53686A

**Protanopia**  
656367

**Deuteranopia**  
6A616B



**Tritanopia**  
54676F

# Trichromacy



**Original Color**  
53686A

**Protanomaly**  
5E6568

**Deuteranomaly**  
62646B

**Tritanomaly**  
54676D

# Monochromacy



**Original Color**  
53686A

**Achromatopsia**  
626262

**Achromatomaly**  
5D6465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53686A 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 #53686A looks like.

```
.text, #text, p{  
    color:#53686A  
}
```

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 #53686A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53686A
}
```

## Border

The CSS property to change the border of an element to Hex 53686A 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
#53686A }
```

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

```
.border{ border-color:#53686A }
```

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

Here you see how a box with a 4 pixel #53686A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53686A; -webkit-box-shadow:4px 4px  
4px 4px #53686A; box-shadow:4px 4px 4px  
4px #53686A }
```

# Background

The CSS property to change the background color of an element to Hex 53686A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53686A }
```

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

```
.background{ background-color:#53686A }
```

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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