

# Converting Colors

Hex(53606B)

Have a look what the booklet for  
Hex(53606B) contains.

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# Color

**Hex(53606B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53606B
RGB	83, 96, 107
RGB Percent	33%, 38%, 42%
CMY	0.6745, 0.6235, 0.5804
CMYK	0.22, 0.10, 0.00, 0.58
HSL	208°, 13%, 37%
HSV	208°, 22%, 42%
XYZ	10.4040, 11.2663, 15.5362
YIQ	93.3670, -11.2790, 0.6650

# Conversions

## Conversions Part 2

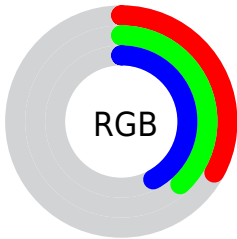
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 91, 107
Decimal	5464171
CIE Lab	40.03, -2.31, -7.91
CIE LCh	40, 8.245, 253.734
Yxy	11.2663, 0.2796, 0.3028
Android (android.graphics.Color)	4283654251 (0xFF53606B)
YUV	93.3670, 6.7211, -9.0919
Hunter-Lab	33.5653, -3.4109, -3.9475

# Details

The Hex color **53606B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B5E53**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **85929E**, and **25323C** is the 20% darker color. If you saturate the color by 10%, you get **485B6B**, and if you desaturate by 10%, it is **5E656B**.

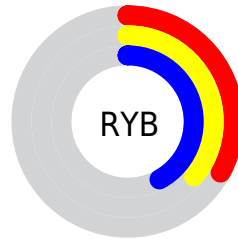
# Distribution



Red (33%)

Green (38%)

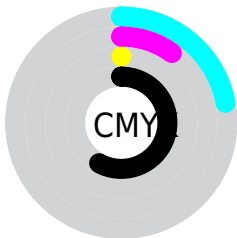
Blue (42%)



Red (33%)

Yellow (36%)

Blue (42%)

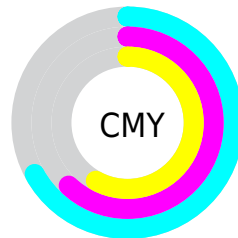


Cyan (22%)

Magenta (10%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (62%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53606B 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 53606B by changing the saturation by 10% instead.





53606B



53606B

FFFFFF



3C4853



85929E



25323C



9FADB9



101D26



BAC8D5



000112



D6E4F1



000000



F2FFFF



53606B



53606B



485B6B



5E656B



3E566B



686A6B

■ 33516B

■ 736F6B

■ 284C6B

■ 7E746B

■ 1D476B

■ 89796B

■ 13436B

■ 937D6B

■ 083E6B

■ 9E826B

■ 003A6B

■ A9876B

■ B38C6B

# Harmonies

## Analogous

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



4E6267



53606B



5B5E6B

# Triad

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



53606B



6D5A5B



596154

# Complementary

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



53606B



6B5E53

# 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.



615F51



53606B



6C5B55

# Square

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



53606B



6A5A62



675D52



52625A

# Rectangle

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



53606B



615C69



675D52



5B6053



# Sweetspot

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



53606B



82888C



536B5E



424547



C7C7C7



474747



# Same Dimension

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



53606B



667B8C



53546B



303336



004075



0085F5



# Inverse Universe

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



6B5360



8C667B



6B6A53



363033



750040



F50085



# Previews

## White Background



This preview shows how the Hex color 53606B looks on a white background.

## Color Contrast Check

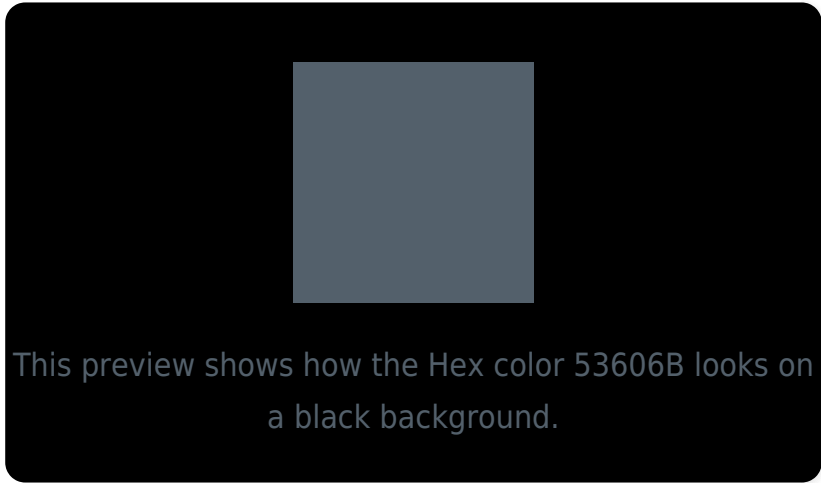
Large Text (above 18pt) WCAG AA ✓ Pass

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

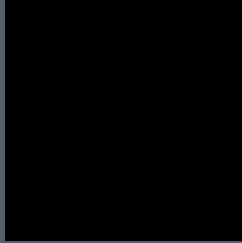
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

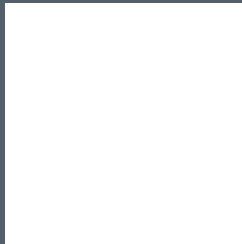
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53606B Background



This preview shows how black text looks on a background with the Hex color 53606B.

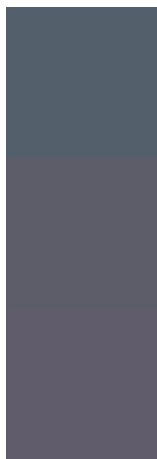


This preview shows how white text looks on a background with the Hex color 53606B.

# 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](#).

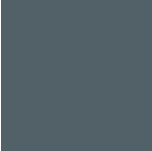
## Dichromacy



**Original Color**  
53606B

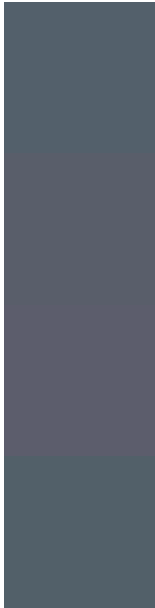
**Protanopia**  
5C5D69

**Deuteranopia**  
615C6C



**Tritanopia**  
526068

# Trichromacy



**Original Color**  
53606B

**Protanomaly**  
595E6A

**Deuteranomaly**  
5C5D6C

**Tritanomaly**  
526069

# Monochromacy



**Original Color**  
53606B

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
595E62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53606B 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 #53606B looks like.

```
.text, #text, p{  
    color:#53606B  
}
```

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 #53606B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53606B
}
```

## Border

The CSS property to change the border of an element to Hex 53606B is called "border". The border property can be set on classes, ids or directly on the HTML element.

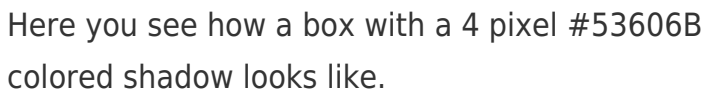
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53606B }
```

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

```
.border{ border-color:#53606B }
```

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



Here you see how a box with a 4 pixel #53606B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53606B; -webkit-box-shadow:4px 4px  
4px 4px #53606B; box-shadow:4px 4px 4px  
4px #53606B }
```

# Background

The CSS property to change the background color of an element to Hex 53606B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53606B }
```

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

```
.background{ background-color:#53606B }
```

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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