

# Converting Colors

Hex(53536B)

Have a look what the booklet for  
Hex(53536B) contains.

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# Color

Hex(53536B)

# Conversions

## Conversions Part 1

Format	Color
Hex	53536B
RGB	83, 83, 107
RGB Percent	33%, 33%, 42%
CMY	0.6745, 0.6745, 0.5804
CMYK	0.22, 0.22, 0.00, 0.58
HSL	240°, 13%, 37%
HSV	240°, 22%, 42%
XYZ	9.3144, 9.0870, 15.1730
YIQ	85.7360, -7.7040, 7.4640

# Conversions

## Conversions Part 2

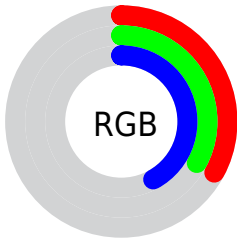
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 83, 107
Decimal	5460843
CIE <sub>Lab</sub>	36.15, 5.73, -13.77
CIE <sub>LCh</sub>	36, 14.917, 292.587
Yxy	9.0870, 0.2774, 0.2707
Android (android.graphics.Color)	4283650923 (0xFF53536B)
YUV	85.7360, 10.4832, -2.3995
Hunter-Lab	30.1447, 2.4012, -8.7416

# Details

The Hex color **53536B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6B53**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **85849E**, and **25263C** is the 20% darker color. If you saturate the color by 10%, you get **48486B**, and if you desaturate by 10%, it is **5E5E6B**.

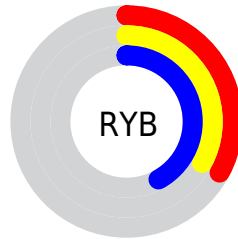
# Distribution



 Red (33%)

 Green (33%)

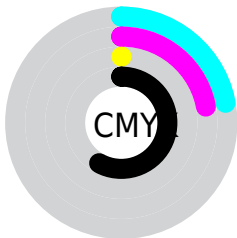
 Blue (42%)



 Red (33%)

 Yellow (33%)

 Blue (42%)

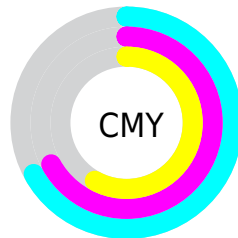


 Cyan (22%)

 Magenta (22%)

 Yellow (0%)

 Black (58%)



 Cyan (67%)

 Magenta (67%)

 Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53536B 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 53536B by changing the saturation by 10% instead.



■ 53536B

■ 53536B

FFFFFF

■ 3C3C53

■ 85849E

■ 25263C

■ 9F9EB9

■ 111226

■ BAB9D5

■ 000110

■ D6D5F1

■ 000000

■ F2F1FF

■ 53536B

■ 53536B

■ 48486B

■ 5E5E6B

■ 3E3E6B

■ 68686B

■ 33336B

■ 73736B

■ 28286B

■ 7E7E6B

■ 1D1D6B

■ 89896B

■ 13136B

■ 93936B

■ 08086B

■ 9E9E6B

■ 00006B

■ A9A96B

■ B3B36B

# Harmonies

## Analogous

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



42576C



53536B



624F64

# Triad

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



53536B



6A4F43



3A5C52

# Complementary

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



53536B



6B6B53

# 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.



475A46



53536B



61533D

# Square

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



53536B



6D4D4C



54573F



325C5E

# Rectangle

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



53536B



684D5C



54573F



3E5B4D



# Sweetspot

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



53536B



82828C



536B6B



424247



C7C7C7



474747



# Same Dimension

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



53536B



66668C



5F536B



303036



000075



0000F5



# Inverse Universe

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



6B536B



8C668C



5F6B53



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 53536B looks on a white background.

## Color Contrast Check

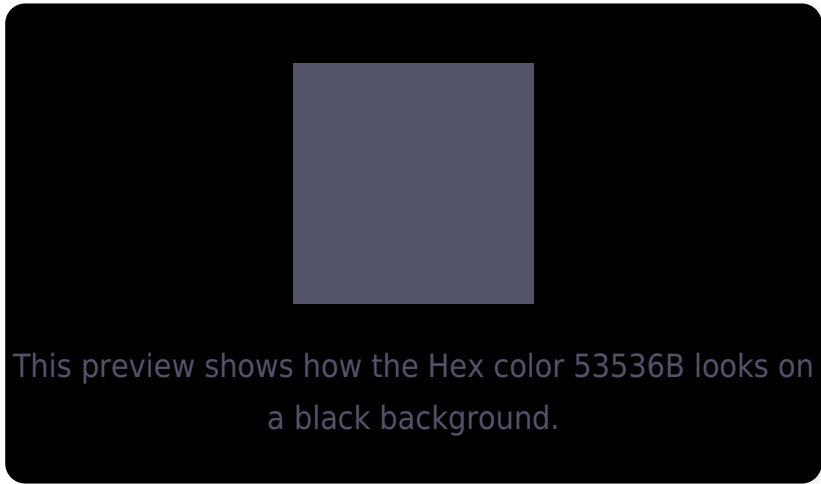
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

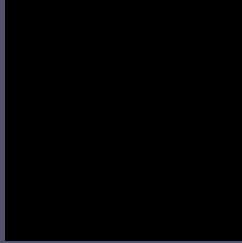
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53536B Background



This preview shows how black text looks on a background with the Hex color 53536B.



This preview shows how white text looks on a background with the Hex color 53536B.

# 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**  
53536B

**Protanopia**  
4F546C

**Deuteranopia**  
52536B



**Tritanopia**  
50565C

# Trichromacy



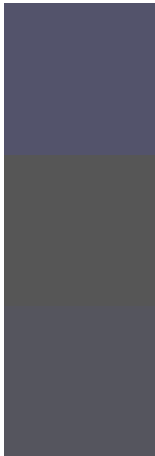
**Original Color**  
53536B

**Protanomaly**  
50546C

**Deuteranomaly**  
52536B

**Tritanomaly**  
515561

# Monochromacy



**Original Color**  
53536B

**Achromatopsia**  
565656

**Achromatomaly**  
55555E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53536B 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 #53536B looks like.

```
.text, #text, p{  
    color:#53536B  
}
```

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 #53536B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53536B
}
```

## Border

The CSS property to change the border of an element to Hex 53536B is called "border". The border property can be set on classes, ids or directly on the HTML element.

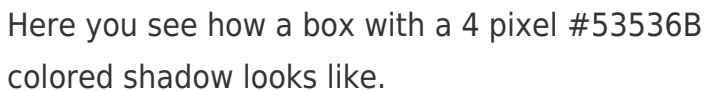
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53536B }
```

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

```
.border{ border-color:#53536B }
```

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



Here you see how a box with a 4 pixel #53536B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53536B; -webkit-box-shadow:4px 4px  
4px 4px #53536B; box-shadow:4px 4px 4px  
4px #53536B }
```

# Background

The CSS property to change the background color of an element to Hex 53536B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53536B }
```

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

```
.background{ background-color:#53536B }
```

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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