

# Converting Colors

Hex(53667A)

Have a look what the booklet for  
Hex(53667A) contains.

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# Color

**Hex(53667A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53667A
RGB	83, 102, 122
RGB Percent	33%, 40%, 48%
CMY	0.6745, 0.6000, 0.5216
CMYK	0.32, 0.16, 0.00, 0.52
HSL	211°, 19%, 40%
HSV	211°, 32%, 48%
XYZ	11.8315, 12.7469, 20.2492
YIQ	98.5990, -17.7440, 2.1920

# Conversions

## Conversions Part 2

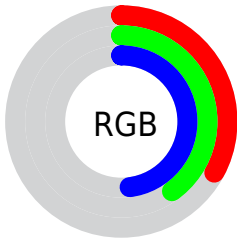
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 96, 122
Decimal	5465722
CIE <sub>Lab</sub>	42.38, -1.98, -13.51
CIE <sub>LCh</sub>	42, 13.650, 261.651
Yxy	12.7469, 0.2639, 0.2844
Android (android.graphics.Color)	4283655802 (0xFF53667A)
<b>YUV</b>	98.5990, 11.5367, -13.6803
Hunter-Lab	35.7028, -3.3270, -8.6349

# Details

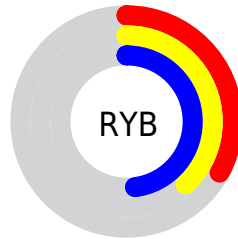
The Hex color **53667A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6753**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8599AE**, and **243749** is the 20% darker color. If you saturate the color by 10%, you get **47607A**, and if you desaturate by 10%, it is **5F6C7A**.

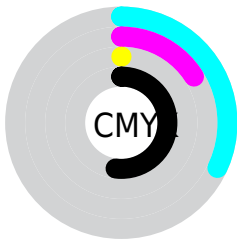
# Distribution



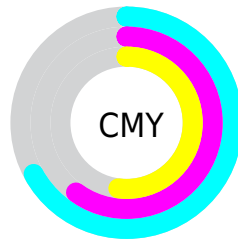
- Red (33%)
- Green (40%)
- Blue (48%)



- Red (33%)
- Yellow (38%)
- Blue (48%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (52%)



- Cyan (67%)
- Magenta (60%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53667A 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 53667A by changing the saturation by 10% instead.





53667A



53667A

FFFFFF



3B4E61



8599AE



243749



A0B4CA



0D2233



BBCFE6



000B1E



D7EBFF



000001



F4FFFF



000000



53667A



53667A



47607A



5F6C7A



3B597A



6B737A

■ 2E537A

■ 78797A

■ 224D7A

■ 847F7A

■ 16477A

■ 90857A

■ 0A407A

■ 9C8C7A

■ 003B7A

■ A8927A

■ B5987A

■ C19E7A

# Harmonies

## Analogous

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



486975



53667A



626279

# Triad

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



53667A



7B5C5C



576956

# Complementary

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



53667A



7A6753

# 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.



64664F



53667A



785F53

# Square

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



53667A



795C68



70624E



4C6A60

# Rectangle

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



53667A



6B6075



70624E



5B6853



# Sweetspot

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



53667A



8E969E



537A67



464A4F



CFCFCF



4F4F4F



# Same Dimension

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



53667A



627F9E



53537A



373A3D



003D7D



007BFC



# Inverse Universe

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



7A5366



9E627F



7A7A53



3D373A



7D003D



FC007B



# Previews

## White Background



This preview shows how the Hex color 53667A 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

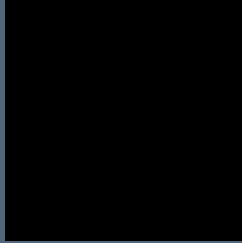
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

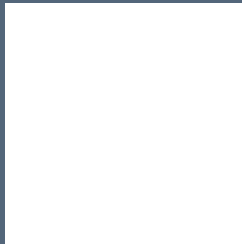
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53667A Background



This preview shows how black text looks on a background with the Hex color 53667A.



This preview shows how white text looks on a background with the Hex color 53667A.

# 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**  
53667A

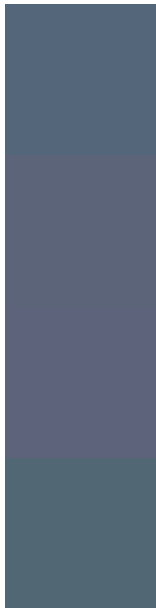
**Protanopia**  
5F6378

**Deuteranopia**  
62627B



**Tritanopia**  
516870

# Trichromacy



**Original Color**  
53667A

**Protanomaly**  
5B6479

**Deuteranomaly**  
5D637B

**Tritanomaly**  
526774

# Monochromacy



**Original Color**  
53667A

**Achromatopsia**  
636363

**Achromatomaly**  
5D646B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53667A 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 #53667A looks like.

```
.text, #text, p{  
    color:#53667A  
}
```

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 #53667A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53667A
}
```

## Border

The CSS property to change the border of an element to Hex 53667A 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
#53667A }
```

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

```
.border{ border-color:#53667A }
```

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

Here you see how a box with a 4 pixel #53667A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53667A; -webkit-box-shadow:4px 4px  
4px 4px #53667A; box-shadow:4px 4px 4px  
4px #53667A }
```

# Background

The CSS property to change the background color of an element to Hex 53667A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53667A }
```

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

```
.background{ background-color:#53667A }
```

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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