

# Converting Colors

Hex(56566E)

Have a look what the booklet for  
Hex(56566E) contains.

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# Color

**Hex(56566E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56566E
RGB	86, 86, 110
RGB Percent	34%, 34%, 43%
CMY	0.6627, 0.6627, 0.5686
CMYK	0.22, 0.22, 0.00, 0.57
HSL	240°, 12%, 38%
HSV	240°, 22%, 43%
XYZ	9.9800, 9.7598, 16.1097
YIQ	88.7360, -7.7040, 7.4640

# Conversions

## Conversions Part 2

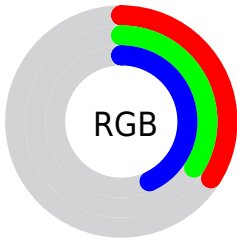
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 86, 110
Decimal	5658222
CIE Lab	37.41, 5.68, -13.70
CIE LCh	37, 14.829, 292.519
Yxy	9.7598, 0.2784, 0.2722
Android (android.graphics.Color)	4283848302 (0xFF56566E)
YUV	88.7360, 10.4832, -2.3995
Hunter-Lab	31.2407, 2.3517, -8.7052

# Details

The Hex color **56566E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6E56**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8888A2**, and **28293E** is the 20% darker color. If you saturate the color by 10%, you get **4B4B6E**, and if you desaturate by 10%, it is **61616E**.

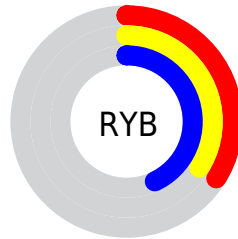
# Distribution



 Red (34%)

 Green (34%)

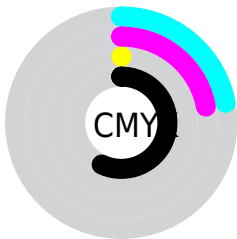
 Blue (43%)



 Red (34%)

 Yellow (34%)

 Blue (43%)

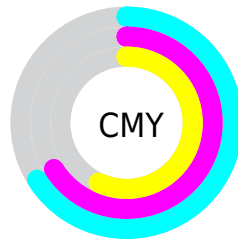


 Cyan (22%)

 Magenta (22%)

 Yellow (0%)

 Black (57%)



 Cyan (66%)

 Magenta (66%)

 Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56566E 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 56566E by changing the saturation by 10% instead.



■ 56566E

■ 56566E

FFFFFF

■ 3E3F56

■ 8888A2

■ 28293E

■ A2A2BD

■ 131528

■ BEBDD8

■ 000114

■ D9D9F5

■ 000000

■ F6F5FF

■ 56566E

■ 56566E

■ 4B4B6E

■ 61616E

■ 40406E

■ 6C6C6E

■ 35356E

■ 77776E

■ 2A2A6E

■ 82826E

■ 1F1F6E

■ 8D8D6E

■ 14146E

■ 98986E

■ 09096E

■ A3A36E

■ 00006E

■ AEAE6E

■ B9B96E

# Harmonies

## Analogous

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



465A6F



56566E



655267

# Triad

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



56566E



6D5246



3D5F54

# Complementary

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



56566E



6E6E56

# 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.



4A5D49



56566E



645640

# Square

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



56566E



71504F



575A42



365F61

# Rectangle

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



56566E



6B505F



575A42



415E50



# Sweetspot

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



56566E



85858F



566E6E



424247



C7C7C7



474747



# Same Dimension

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



56566E



6A6A8F



62566E



323238



000078



0000F7



# Inverse Universe

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



6E566E



8F6A8F



626E56



383238



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 56566E looks on a white background.

## Color Contrast Check

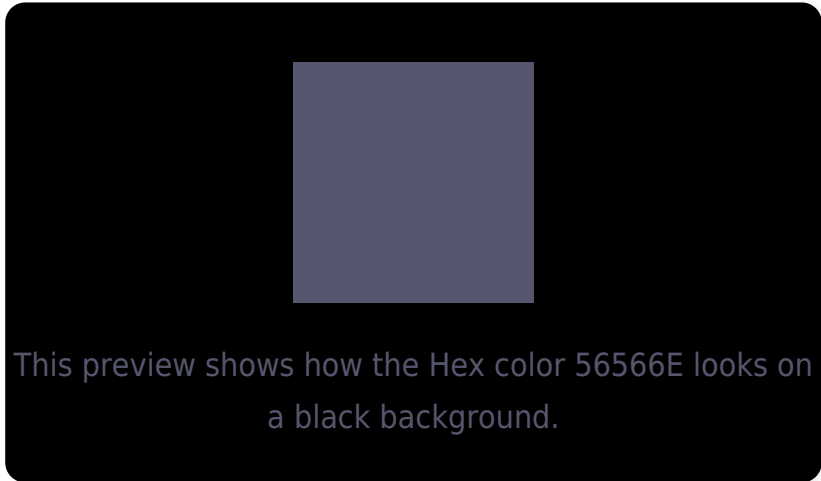
Large Text (above 18pt) WCAG AA ✓ Pass

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

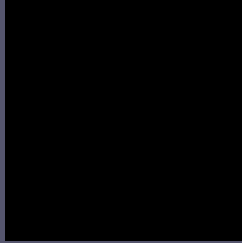
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56566E Background



This preview shows how black text looks on a background with the Hex color 56566E.



This preview shows how white text looks on a background with the Hex color 56566E.

# 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**  
56566E

**Protanopia**  
52576F

**Deuteranopia**  
55566E



**Tritanopia**  
535960

# Trichromacy



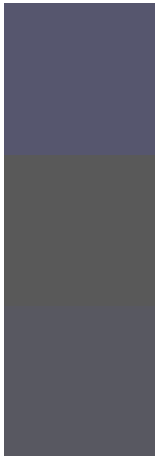
**Original Color**  
56566E

**Protanomaly**  
53576F

**Deuteranomaly**  
55566E

**Tritanomaly**  
545865

# Monochromacy



**Original Color**  
56566E

**Achromatopsia**  
595959

**Achromatomaly**  
585861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56566E 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 #56566E looks like.

```
.text, #text, p{  
    color:#56566E  
}
```

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 #56566E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56566E
}
```

## Border

The CSS property to change the border of an element to Hex 56566E is called "border". The border property can be set on classes, ids or directly on the HTML element.

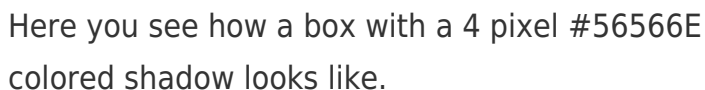
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56566E }
```

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

```
.border{ border-color:#56566E }
```

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



Here you see how a box with a 4 pixel #56566E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56566E; -webkit-box-shadow:4px 4px  
4px 4px #56566E; box-shadow:4px 4px 4px  
4px #56566E }
```

# Background

The CSS property to change the background color of an element to Hex 56566E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56566E }
```

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

```
.background{ background-color:#56566E }
```

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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