

# Converting Colors

Hex(65506F)

Have a look what the booklet for  
Hex(65506F) contains.

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# Color

**Hex(65506F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65506F
RGB	101, 80, 111
RGB Percent	40%, 31%, 44%
CMY	0.6039, 0.6863, 0.5647
CMYK	0.09, 0.28, 0.00, 0.56
HSL	281°, 16%, 37%
HSV	281°, 28%, 44%
XYZ	11.1047, 9.6517, 16.3166
YIQ	89.8130, 2.5650, 14.0930

# Conversions

## Conversions Part 2

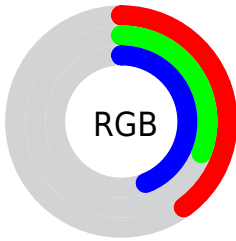
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	101, 80, 111
Decimal	6639727
CIE Lab	37.21, 15.08, -14.49
CIE LCh	37, 20.913, 316.142
Yxy	9.6517, 0.2995, 0.2603
Android (android.graphics.Color)	4284829807 (0xFF65506F)
YUV	89.8130, 10.4452, 9.8110
Hunter-Lab	31.0672, 9.4358, -9.3923

# Details

The Hex color **65506F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5A6F50**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9881A3**, and **36233F** is the 20% darker color. If you saturate the color by 10%, you get **61456F**, and if you desaturate by 10%, it is **695B6F**.

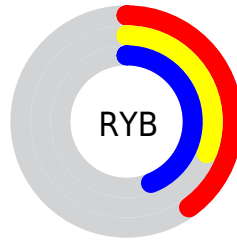
# Distribution



Red (40%)

Green (31%)

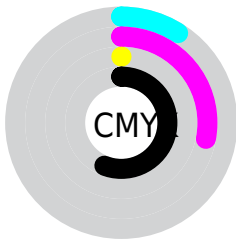
Blue (44%)



Red (40%)

Yellow (31%)

Blue (44%)

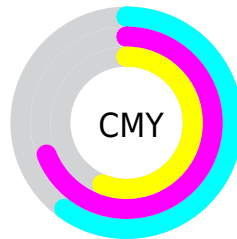


Cyan (9%)

Magenta (28%)

Yellow (0%)

Black (56%)



Cyan (60%)

Magenta (69%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65506F 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 65506F by changing the saturation by 10% instead.



65506F

65506F

FFFFFF

4D3957

9881A3

36233F

B39BBE

200F29

CFB6DA

000014

EBD2F6

000000

FFEEFF

65506F

65506F

61456F

695B6F

5E3A6F

6C666F

■ 5A2F6F

■ 70716F

■ 57246F

■ 737C6F

■ 53196F

■ 77886F

■ 500D6F

■ 7A936F

■ 4C026F

■ 7E9E6F

■ 4B006F

■ 82A96F

■ 85B46F

# Harmonies

## Analogous

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



4F5678



65506F



744C60

# Triad

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



65506F



6A5437



206160

# Complementary

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



65506F



5A6F50

# 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.



32604F



65506F



5A5937

# Square

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



65506F



754E40



475E40



1E5F6F

# Rectangle

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



65506F



784B55



475E40



25615B



# Sweetspot

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



65506F



8E8691



505A6F



48434A



C9C9C9



4A4A4A



# Same Dimension

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



65506F



816091



6F506A



363238



510078



A800F7



# Inverse Universe

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



6F505A



916070



506F55



383234



780027



F70050



# Previews

## White Background



This preview shows how the Hex color 65506F looks on a white background.

## Color Contrast Check

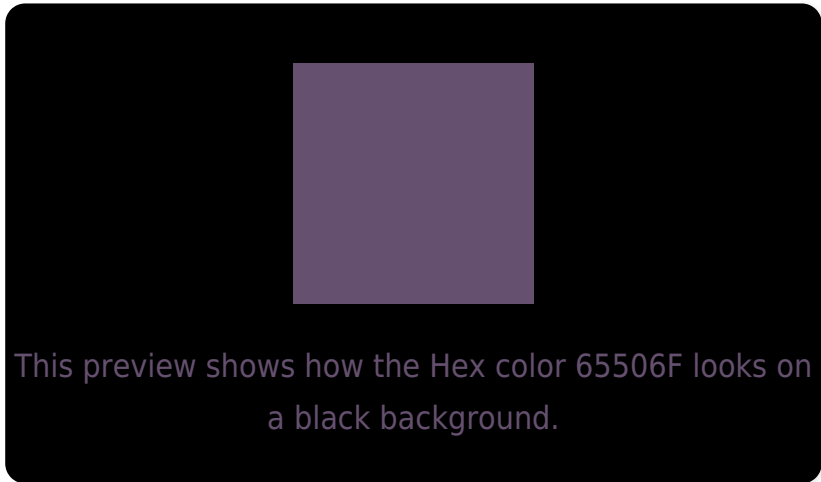
Large Text (above 18pt) WCAG AA ✓ Pass

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

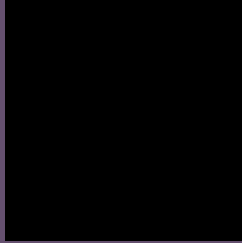
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65506F Background



This preview shows how black text looks on a background with the Hex color 65506F.

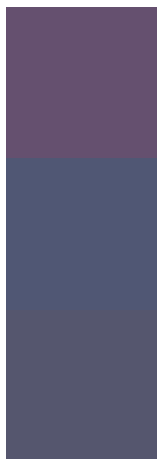


This preview shows how white text looks on a background with the Hex color 65506F.

# 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**  
65506F

**Protanopia**  
505774

**Deuteranopia**  
55566E



**Tritanopia**  
62545A

# Trichromacy



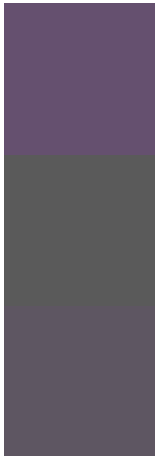
**Original Color**  
65506F

**Protanomaly**  
585472

**Deuteranomaly**  
5B546E

**Tritanomaly**  
635362

# Monochromacy



**Original Color**  
65506F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5E5662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65506F 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 #65506F looks like.

```
.text, #text, p{  
    color:#65506F  
}
```

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 #65506F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65506F
}
```

## Border

The CSS property to change the border of an element to Hex 65506F is called "border". The border property can be set on classes, ids or directly on the HTML element.

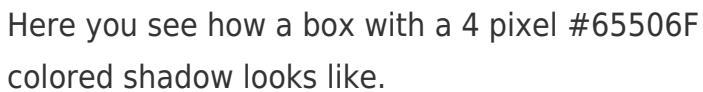
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65506F }
```

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

```
.border{ border-color:#65506F }
```

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



Here you see how a box with a 4 pixel #65506F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65506F; -webkit-box-shadow:4px 4px  
4px 4px #65506F; box-shadow:4px 4px 4px  
4px #65506F }
```

# Background

The CSS property to change the background color of an element to Hex 65506F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65506F }
```

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

```
.background{ background-color:#65506F }
```

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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