

# Converting Colors

Hex(65486D)

Have a look what the booklet for  
Hex(65486D) contains.

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# Color

**Hex(65486D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65486D
RGB	101, 72, 109
RGB Percent	40%, 28%, 43%
CMY	0.6039, 0.7176, 0.5725
CMYK	0.07, 0.34, 0.00, 0.57
HSL	287°, 20%, 35%
HSV	287°, 34%, 43%
XYZ	10.4445, 8.5056, 15.5592
YIQ	84.8890, 5.4070, 17.6550

# Conversions

## Conversions Part 2

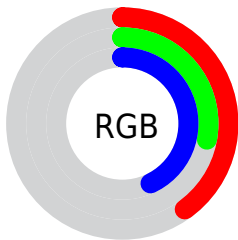
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 72, 109
Decimal	6637677
CIE <sub>Lab</sub>	35.01, 19.60, -16.61
CIE <sub>LCh</sub>	35, 25.689, 319.727
Yxy	8.5056, 0.3027, 0.2465
Android (android.graphics.Color)	4284827757 (0xFF65486D)
YUV	84.8890, 11.8867, 14.1293
Hunter-Lab	29.1643, 12.8881, -11.2164

# Details

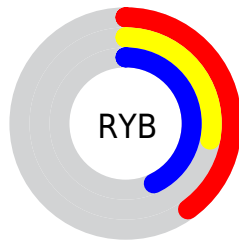
The Hex color **65486D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **506D48**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9879A1**, and **351B3D** is the 20% darker color. If you saturate the color by 10%, you get **633D6D**, and if you desaturate by 10%, it is **67536D**.

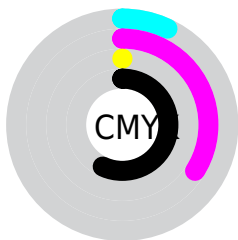
# Distribution



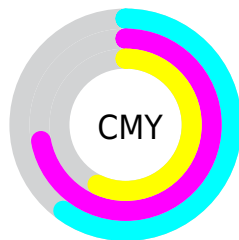
- Red (40%)
- Green (28%)
- Blue (43%)



- Red (40%)
- Yellow (28%)
- Blue (43%)



- Cyan (7%)
- Magenta (34%)
- Yellow (0%)
- Black (57%)



- Cyan (60%)
- Magenta (72%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65486D 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 65486D by changing the saturation by 10% instead.



65486D

65486D

FFFFFF

4D3155

9879A1

351B3D

B393BC

200527

CFAED7

000112

ECC9F4

000000

FFE5FF

65486D

65486D

633D6D

67536D

60326D

6A5E6D

■ 5E276D

■ 6C696D

■ 5C1C6D

■ 6E746D

■ 59116D

■ 717F6D

■ 57076D

■ 73896D

■ 55006D

■ 75946D

■ 789F6D

■ 7AAA6D

# Harmonies

## Analogous

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



4A5079



65486D



75435A

# Triad

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



65486D



654F2A



005D5F

# Complementary

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



65486D



506D48

# 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.



1C5D4A



65486D



52552B

# Square

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



65486D



744734



3A5A37



005B71

# Rectangle

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



65486D



79424C



3A5A37



005D59



# Sweetspot

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



65486D



8C818F



48506D



463F47



C7C7C7



474747



# Same Dimension

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



65486D



82548F



6D4863



343036



5C0075



C000F5



# Inverse Universe

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



6D4850



8F5461



486D52



363031



750019



F50035



# Previews

## White Background



This preview shows how the Hex color 65486D looks on a white background.

## Color Contrast Check

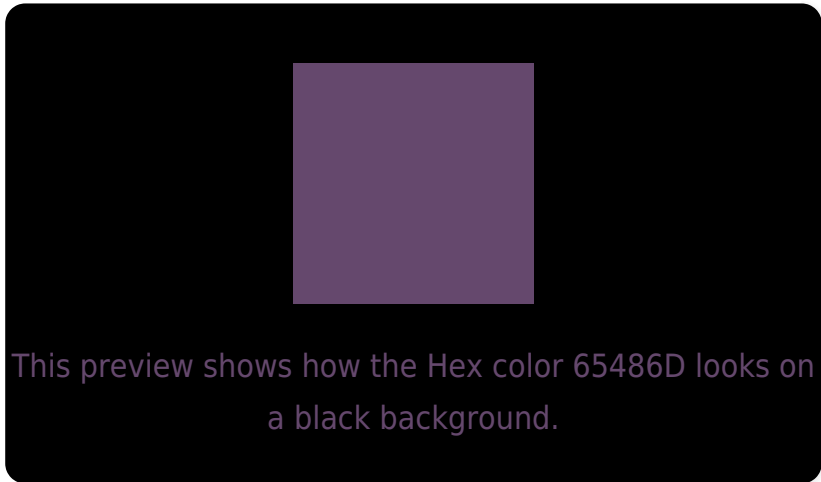
Large Text (above 18pt) WCAG AA ✓ Pass

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

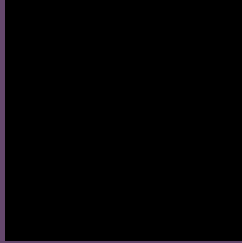
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65486D Background



This preview shows how black text looks on a background with the Hex color 65486D.

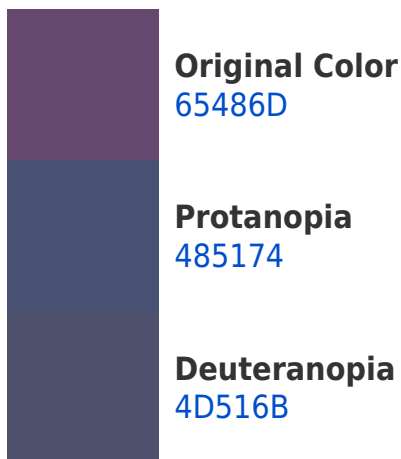


This preview shows how white text looks on a background with the Hex color 65486D.

# 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





**Tritanopia**  
614D53

# Trichromacy



**Original Color**

65486D

**Protanomaly**

534E71

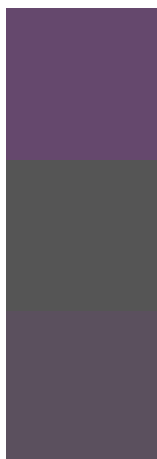
**Deuteranomaly**

564E6C

**Tritanomaly**

624B5C

# Monochromacy



**Original Color**

65486D

**Achromatopsia**

555555

**Achromatomaly**

5B505E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65486D 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 #65486D looks like.

```
.text, #text, p{  
    color:#65486D  
}
```

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 #65486D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65486D
}
```

## Border

The CSS property to change the border of an element to Hex 65486D is called "border". The border property can be set on classes, ids or directly on the HTML element.

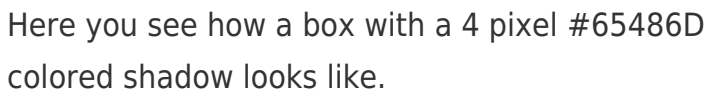
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65486D }
```

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

```
.border{ border-color:#65486D }
```

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



Here you see how a box with a 4 pixel #65486D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65486D; -webkit-box-shadow:4px 4px  
4px 4px #65486D; box-shadow:4px 4px 4px  
4px #65486D }
```

# Background

The CSS property to change the background color of an element to Hex 65486D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65486D }
```

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

```
.background{ background-color:#65486D }
```

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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