

# Converting Colors

Hex(66466B)

Have a look what the booklet for  
Hex(66466B) contains.

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# Color

**Hex(66466B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66466B
RGB	102, 70, 107
RGB Percent	40%, 27%, 42%
CMY	0.6000, 0.7255, 0.5804
CMYK	0.05, 0.35, 0.00, 0.58
HSL	292°, 21%, 35%
HSV	292°, 35%, 42%
XYZ	10.3235, 8.2666, 14.9614
YIQ	83.7860, 7.1950, 18.2910

# Conversions

## Conversions Part 2

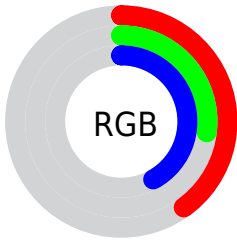
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 70, 107
Decimal	6702699
CIE <sub>Lab</sub>	34.53, 20.75, -16.08
CIE <sub>LCh</sub>	35, 26.252, 322.225
Yxy	8.2666, 0.3077, 0.2464
Android (android.graphics.Color)	4284892779 (0xFF66466B)
YUV	83.7860, 11.4445, 15.9737
Hunter-Lab	28.7518, 13.7759, -10.7263

# Details

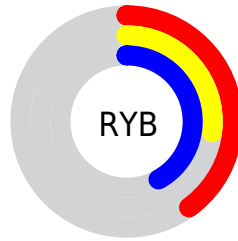
The Hex color **66466B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B6B46**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9A779E**, and **36193C** is the 20% darker color. If you saturate the color by 10%, you get **653B6B**, and if you desaturate by 10%, it is **67516B**.

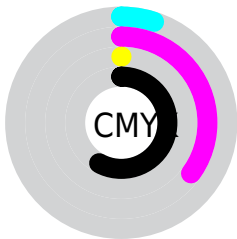
# Distribution



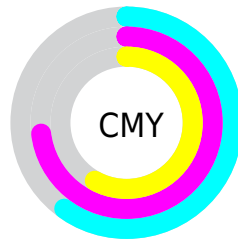
- Red (40%)
- Green (27%)
- Blue (42%)



- Red (40%)
- Yellow (27%)
- Blue (42%)



- Cyan (5%)
- Magenta (35%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (73%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66466B 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 66466B by changing the saturation by 10% instead.



66466B

66466B

FFFFFF

4E2F53

9A779E

36193C

B591B9

210226

D0ABD5

00010F

EDC7F2

000000

FFE3FF

66466B

66466B

653B6B

67516B

63316B

695B6B

62266B

6A666B

601B6B

6C716B

5F116B

6D7C6B

5D066B

6F866B

5D006B

70916B

729C6B

73A66B

# Harmonies

## Analogous

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



4B4E78



66466B



754158

# Triad

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



66466B



634E27



005C60

# Complementary

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



66466B



4B6B46

# 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.



145C4B



66466B



4F5529

# Square

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



66466B



724731



365937



005A72

# Rectangle

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



66466B



794049



365937



005C59



# Sweetspot

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



66466B



8A7E8C



464C6B



463F47



C7C7C7



474747



# Same Dimension

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



66466B



84538C



6B465E



353036



650075



D400F5



# Inverse Universe

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



6B464B



8C535B



466B53



363031



750010



F50021



# Previews

## White Background



This preview shows how the Hex color 66466B looks on a white background.

## Color Contrast Check

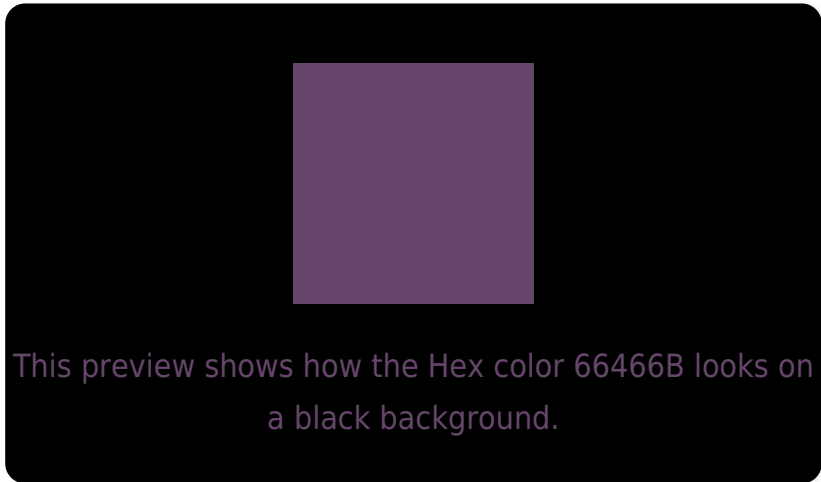
Large Text (above 18pt) WCAG AA ✓ Pass

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

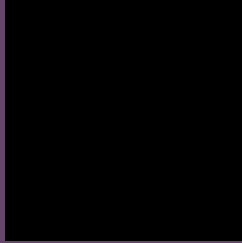
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66466B Background



This preview shows how black text looks on a background with the Hex color 66466B.



This preview shows how white text looks on a background with the Hex color 66466B.

# 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**  
66466B

**Protanopia**  
475073

**Deuteranopia**  
4D5069



**Tritanopia**  
624B51

# Trichromacy



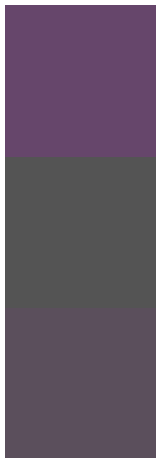
**Original Color**  
66466B

**Protanomaly**  
524C70

**Deuteranomaly**  
564C6A

**Tritanomaly**  
63495A

# Monochromacy



**Original Color**  
66466B

**Achromatopsia**  
545454

**Achromatomaly**  
5B4F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66466B 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 #66466B looks like.

```
.text, #text, p{  
    color:#66466B  
}
```

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 #66466B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66466B
}
```

## Border

The CSS property to change the border of an element to Hex 66466B 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".

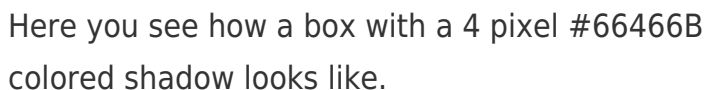
```
.border, #border, table{ border:4px solid
#66466B }
```

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

```
.border{ border-color:#66466B }
```

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

Here you see how a box with a 4 pixel #66466B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66466B; -webkit-box-shadow:4px 4px  
4px 4px #66466B; box-shadow:4px 4px 4px  
4px #66466B }
```

# Background

The CSS property to change the background color of an element to Hex 66466B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66466B }
```

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

```
.background{ background-color:#66466B }
```

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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