

# Converting Colors

Hex(66306A)

Have a look what the booklet for  
Hex(66306A) contains.

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# Color

**Hex(66306A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66306A
RGB	102, 48, 106
RGB Percent	40%, 19%, 42%
CMY	0.6000, 0.8118, 0.5843
CMYK	0.04, 0.55, 0.00, 0.58
HSL	296°, 38%, 30%
HSV	296°, 55%, 42%
XYZ	9.1380, 5.9793, 14.3082
YIQ	70.7580, 13.5660, 29.4860

# Conversions

## Conversions Part 2

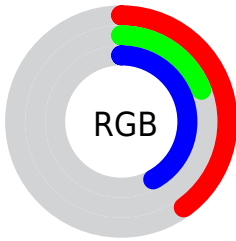
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 48, 106
Decimal	6697066
CIE <sub>Lab</sub>	29.36, 33.54, -23.47
CIE <sub>LCh</sub>	29, 40.936, 325.011
Yxy	5.9793, 0.3105, 0.2032
Android (android.graphics.Color)	4284887146 (0xFF66306A)
YUV	70.7580, 17.3743, 27.3992
Hunter-Lab	24.4526, 23.9136, -17.5761

# Details

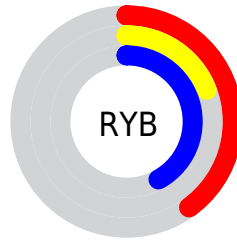
The Hex color **66306A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **346A30**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9B619E**, and **35003A** is the 20% darker color. If you saturate the color by 10%, you get **65256A**, and if you desaturate by 10%, it is **673B6A**.

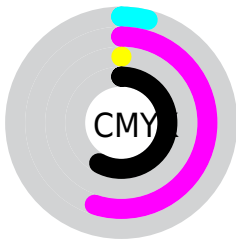
# Distribution



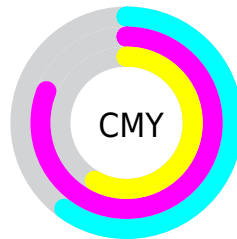
- Red (40%)
- Green (19%)
- Blue (42%)



- Red (40%)
- Yellow (19%)
- Blue (42%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (81%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66306A 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 66306A by changing the saturation by 10% instead.



 66306A

 66306A

FFFFFF

 4D1852

 9B619E

 35003A

 B67AB9

 220025

 D295D4

 00000C

 EFB0F1

 000000

 FFCBFF

 FFE8FF

 66306A

 66306A

 65256A

 673B6A

651B6A

67456A

64106A

68506A

63066A

695A6A

63006A

6A656A

6A706A

6B7A6A

6C856A

6D8F6A

# Harmonies

## Analogous

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



393F7F



66306A



7A244C

# Triad

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



66306A



594200



00545F

# Complementary

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



66306A



346A30

# 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.



00533F



66306A



3A4B01

# Square

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



66306A



703510



06511E



005179

# Rectangle

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



66306A



7E2537



06511E



005455



# Sweetspot

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



66306A



88748A



30356A



443845



C4C4C4



454545



# Same Dimension

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



66306A



832F8A



6A3052



353036



6D0075



E400F5



# Inverse Universe

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



6A3034



8A2F35



306A48



363031



750008

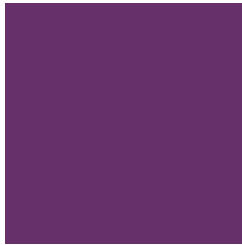


F50011



# Previews

## White Background



This preview shows how the Hex color 66306A looks on a white background.

## Color Contrast Check

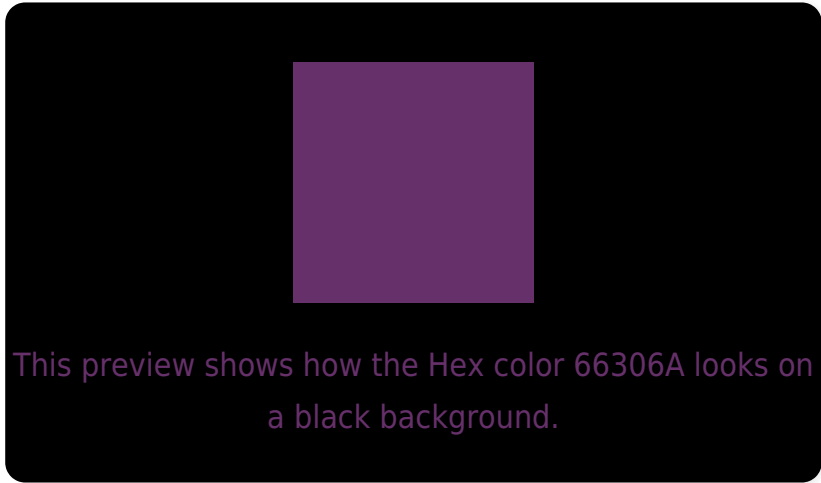
Large Text (above 18pt) WCAG AA ✓ Pass

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

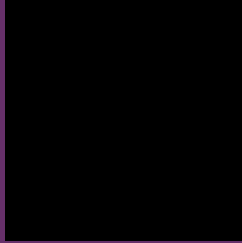
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66306A Background



This preview shows how black text looks on a background with the Hex color 66306A.



This preview shows how white text looks on a background with the Hex color 66306A.

# 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](#).

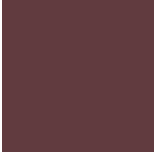
## Dichromacy



**Original Color**  
66306A

**Protanopia**  
2C447C

**Deuteranopia**  
384566



**Tritanopia**  
613B3F

# Trichromacy



**Original Color**  
66306A

**Protanomaly**  
413D75

**Deuteranomaly**  
493D67

**Tritanomaly**  
63374F

# Monochromacy



**Original Color**  
66306A

**Achromatopsia**  
474747

**Achromatomaly**  
523F54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66306A 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 #66306A looks like.

```
.text, #text, p{  
    color:#66306A  
}
```

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 #66306A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66306A
}
```

## Border

The CSS property to change the border of an element to Hex 66306A is called "border". The border property can be set on classes, ids or directly on the HTML element.

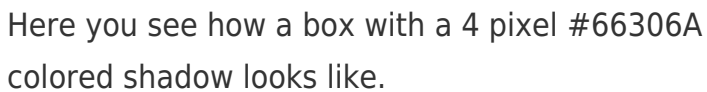
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66306A }
```

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

```
.border{ border-color:#66306A }
```

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



Here you see how a box with a 4 pixel #66306A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66306A; -webkit-box-shadow:4px 4px  
4px 4px #66306A; box-shadow:4px 4px 4px  
4px #66306A }
```

# Background

The CSS property to change the background color of an element to Hex 66306A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66306A }
```

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

```
.background{ background-color:#66306A }
```

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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