

# Converting Colors

Hex(66004E)

Have a look what the booklet for  
Hex(66004E) contains.

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# Color

**Hex(66004E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66004E
RGB	102, 0, 78
RGB Percent	40%, 0%, 31%
CMY	0.6000, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.24, 0.60
HSL	314°, 100%, 20%
HSV	314°, 100%, 40%
XYZ	6.8546, 3.3748, 7.4979
YIQ	39.3900, 35.7540, 45.8820

# Conversions

## Conversions Part 2

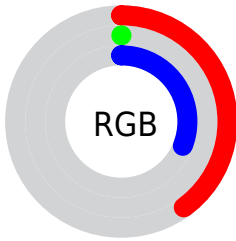
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 0, 78
Decimal	6684750
CIELab	21.49, 46.54, -17.34
CIELCh	21, 49.669, 339.562
Yxy	3.3748, 0.3867, 0.1904
Android (android.graphics.Color)	4284874830 (0xFF66004E)
YUV	39.3900, 19.0347, 54.9090
Hunter-Lab	18.3707, 34.4546, -11.3392

# Details

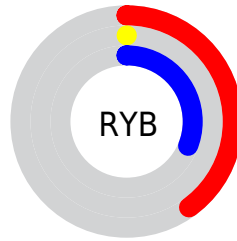
The Hex color **66004E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006618**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9C3F7F**, and **340022** is the 20% darker color. If you saturate the color by 10%, you get **66004E**, and if you desaturate by 10%, it is **660A50**.

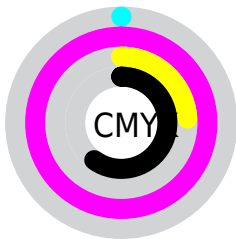
# Distribution



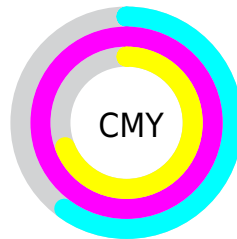
- Red (40%)
- Green (0%)
- Blue (31%)



- Red (40%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66004E 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 66004E by changing the saturation by 10% instead.



66004E

66004E

FFFFFF

4C0037

9C3F7F

340022

B85999

140007

D573B4

000000

F28ED0

FFAAEC

FFC6FF

FFE2FF

66004E

 660A50

 661453

 661F55

 662958

 66335A

 663D5C

 66475F

 665261

 665C64

# Harmonies

## Analogous

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



40226D



66004E



71002A

# Triad

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



66004E



363600



004262

# Complementary

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



66004E



006618

# 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.



00423F



66004E



073D00

# Square

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



66004E



542800



004118



003F79

# Rectangle

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



66004E



6E0112



004118



004257



# Sweetspot

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



66004E



855D7B



180066



422A3D



C2C2C2



424242



# Same Dimension

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



66004E



850065



66001B



332E32



730058



F200B9



# Inverse Universe

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



66004E



850065



00664B



332E32



730058



F200B9



# Previews

## White Background



This preview shows how the Hex color 66004E looks on a white background.

## Color Contrast Check

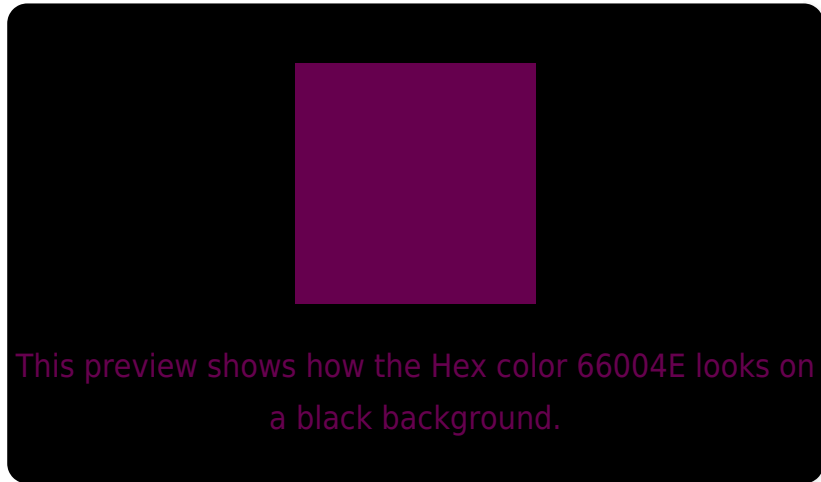
Large Text (above 18pt) WCAG AA ✓ Pass

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

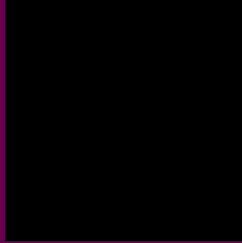
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66004E Background



This preview shows how black text looks on a background with the Hex color 66004E.



This preview shows how white text looks on a background with the Hex color 66004E.

# 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**  
621F20

# Trichromacy



**Original Color**  
66004E

**Protanomaly**  
302263

**Deuteranomaly**  
46234B

**Tritanomaly**  
631431

# Monochromacy



**Original Color**  
66004E

**Achromatopsia**  
272727

**Achromatomaly**  
3E1935

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66004E 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 #66004E looks like.

```
.text, #text, p{  
    color:#66004E  
}
```

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 #66004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66004E
}
```

## Border

The CSS property to change the border of an element to Hex 66004E is called "border". The border property can be set on classes, ids or directly on the HTML element.

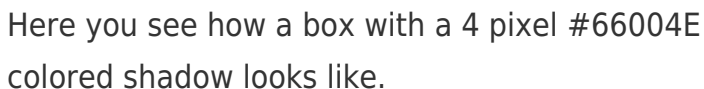
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66004E }
```

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

```
.border{ border-color:#66004E }
```

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



Here you see how a box with a 4 pixel #66004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66004E; -webkit-box-shadow:4px 4px  
4px 4px #66004E; box-shadow:4px 4px 4px  
4px #66004E }
```

# Background

The CSS property to change the background color of an element to Hex 66004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66004E }
```

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

```
.background{ background-color:#66004E }
```

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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