

# Converting Colors

Hex(660064)

Have a look what the booklet for  
Hex(660064) contains.

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# Color

**Hex(660064)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	660064
RGB	102, 0, 100
RGB Percent	40%, 0%, 39%
CMY	0.6000, 1.0000, 0.6078
CMYK	0.00, 1.00, 0.02, 0.60
HSL	301°, 100%, 20%
HSV	301°, 100%, 40%
XYZ	7.7797, 3.7449, 12.3694
YIQ	41.8980, 28.6920, 52.7240

# Conversions

## Conversions Part 2

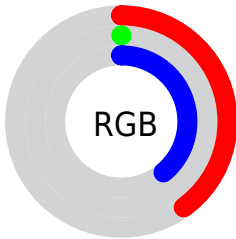
Format	Color
R <sub>Y</sub> B	102, 0, 100
Decimal	6684772
CIE Lab	22.81, 49.81, -29.95
CIE LCh	23, 58.122, 328.982
Yxy	3.7449, 0.3256, 0.1567
Android (android.graphics.Color)	4284874852 (0xFF660064)
YUV	41.8980, 28.6443, 52.7095
Hunter-Lab	19.3517, 37.8948, -24.3513

# Details

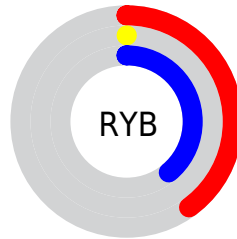
The Hex color **660064** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006602**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **9C4097**, and **340035** is the 20% darker color. If you saturate the color by 10%, you get **660064**, and if you desaturate by 10%, it is **660A64**.

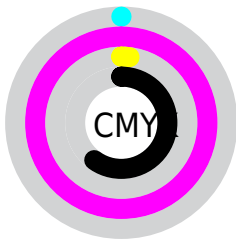
# Distribution



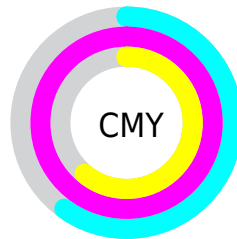
- Red (40%)
- Green (0%)
- Blue (39%)



- Red (40%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 660064 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 660064 by changing the saturation by 10% instead.



 660064

 660064

FFFFFF

 4C004C

 9C4097

 340035

 B85BB2

 17001F

 D575CE

 000001

 F290EA

 000000

 FFACFF

 FFC8FF

 FFE5FF

 660064

 660A64

 661464

 661F65

 662965

 663365

 663D65

 664765

 665266

 665C66

# Harmonies

## Analogous

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



212B84



660064



7C003A

# Triad

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



660064



453500



004760

# Complementary

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



660064



006602

# 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.



004734



660064



173F00

# Square

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



660064



651F00



004400



004582

# Rectangle

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



660064



7D001E



004400



004752



# Sweetspot

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



660064



855D84



020066



422A42



C2C2C2



424242



# Same Dimension

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



660064



850082



660031



332E33



730071



F200EE



# Inverse Universe

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



660064



850082



006635



332E33



730071



F200EE



# Previews

## White Background



This preview shows how the Hex color 660064 looks on a white background.

## Color Contrast Check

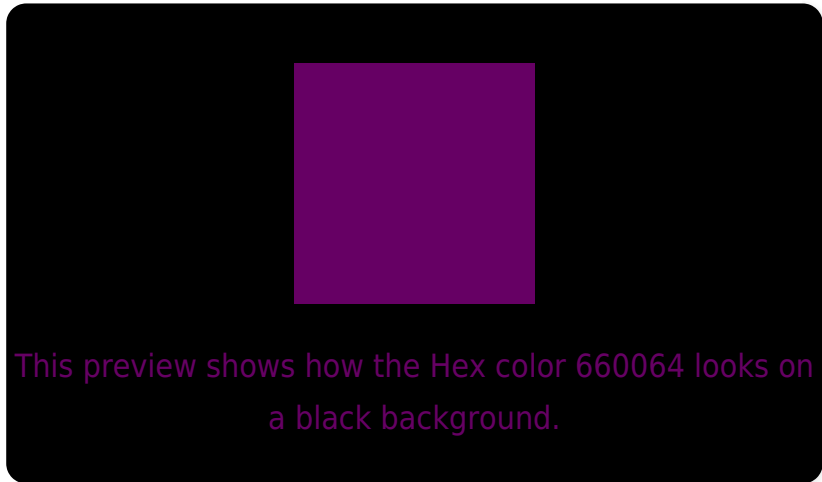
Large Text (above 18pt) WCAG AA ✓ Pass

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

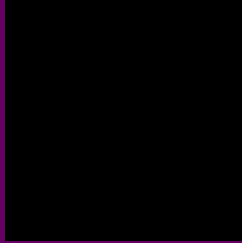
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 660064 Background



This preview shows how black text looks on a background with the Hex color 660064.

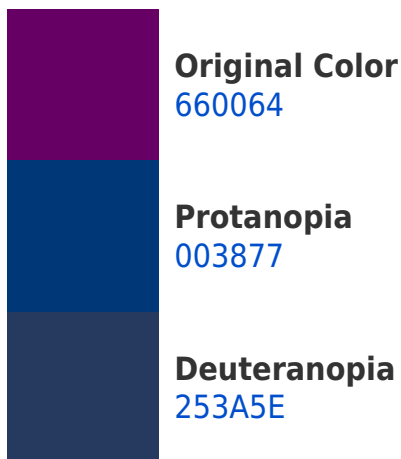



This preview shows how white text looks on a background with the Hex color 660064.

# 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**  
60272A

# Trichromacy



**Original Color**  
660064

**Protanomaly**  
252470

**Deuteranomaly**  
3D2560

**Tritanomaly**  
62193F

# Monochromacy



**Original Color**  
660064

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
401B3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 660064 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 #660064 looks like.

```
.text, #text, p{  
    color:#660064  
}
```

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 #660064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660064
}
```

## Border

The CSS property to change the border of an element to Hex 660064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

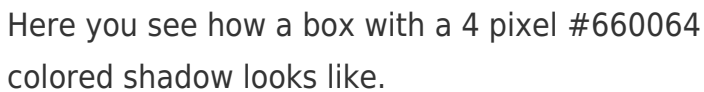
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#660064 }
```

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

```
.border{ border-color:#660064 }
```

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



Here you see how a box with a 4 pixel #660064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660064; -webkit-box-shadow:4px 4px  
4px 4px #660064; box-shadow:4px 4px 4px  
4px #660064 }
```

# Background

The CSS property to change the background color of an element to Hex 660064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660064 }
```

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

```
.background{ background-color:#660064 }
```

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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