

Converting Colors

Hex(660047)

Have a look what the booklet for
Hex(660047) contains.

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Color

Hex(660047)

Conversions

Conversions Part 1

Format	Color
Hex	660047
RGB	102, 0, 71
RGB Percent	40%, 0%, 28%
CMY	0.6000, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.30, 0.60
HSL	318°, 100%, 20%
HSV	318°, 100%, 40%
XYZ	6.6168, 3.2797, 6.2455
YIQ	38.5920, 38.0010, 43.7050

Conversions

Conversions Part 2

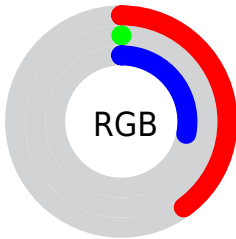
Format	Color
R_{YB}	102, 0, 71
Decimal	6684743
CIE _{Lab}	21.13, 45.64, -13.11
CIE _{LCh}	21, 47.486, 343.970
Yxy	3.2797, 0.4099, 0.2032
Android (android.graphics.Color)	4284874823 (0xFF660047)
YUV	38.5920, 15.9771, 55.6088
Hunter-Lab	18.1100, 33.5259, -7.7702

Details

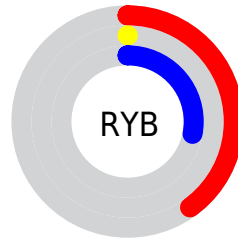
The Hex color **660047** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00661F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **9D3E78**, and **34001C** is the 20% darker color. If you saturate the color by 10%, you get **660047**, and if you desaturate by 10%, it is **660A4A**.

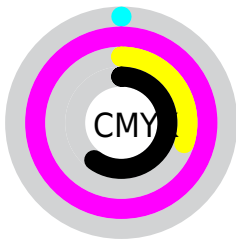
Distribution



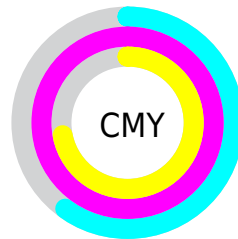
- Red (40%)
- Green (0%)
- Blue (28%)



- Red (40%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 660047 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 660047 by changing the saturation by 10% instead.

 660047

 660047

FFFFFF

 4C0030

 9D3E78

 34001C

 B95891

 120000

 D573AC

 000000

 F38EC7

 FFA9E3

 FFC5FF

 FFE2FF

 660047

 660A4A

 66144D

 661F50

 662953

 663356

 663D5A

 66475D

 665260

 665C63

Harmonies

Analogous

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



471F66



660047



6E0024

Triad

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



660047



313600



004063

Complementary

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



660047



00661F

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.



004143



660047



003D00

Square

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



660047



4F2A00



00401E



003C77

Rectangle

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



660047



690B0D



00401E



004159

Sweetspot

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



660047



855D79



1F0066



422A3B



C2C2C2



424242

Same Dimension

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



660047



85005C



660014



332E31



730050



F200A9

Inverse Universe

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



660047



85005C



006652



332E31



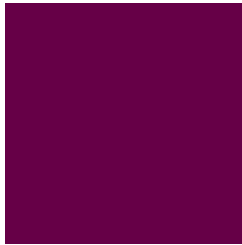
730050



F200A9

Previews

White Background



This preview shows how the Hex color 660047 looks on a white background.

Color Contrast Check

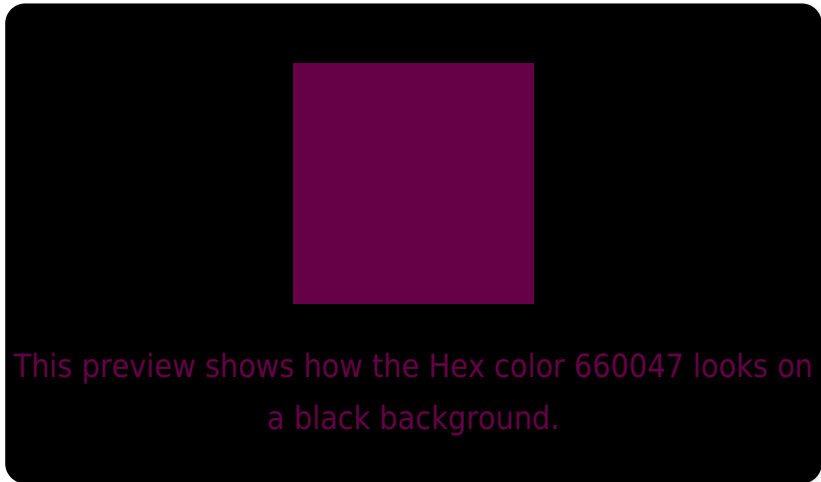
Large Text (above 18pt) WCAG AA ✓ Pass

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

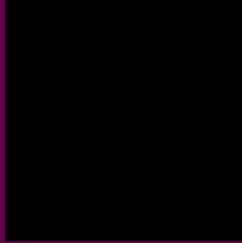
Any Text WCAG AA × Fail

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 660047 Background



This preview shows how black text looks on a background with the Hex color 660047.



This preview shows how white text looks on a background with the Hex color 660047.

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
660047

Protanopia
1E3565

Deuteranopia
363642



Tritanopia
631C1D

Trichromacy



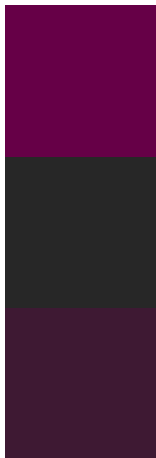
Original Color
660047

Protanomaly
38225A

Deuteranomaly
472244

Tritanomaly
64122C

Monochromacy



Original Color
660047

Achromatopsia
272727

Achromatomaly
3E1933

CSS Examples

Text

The CSS property to change the color of the text to Hex 660047 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 #660047 looks like.

```
.text, #text, p{  
    color:#660047  
}
```

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 #660047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660047
}
```

Border

The CSS property to change the border of an element to Hex 660047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

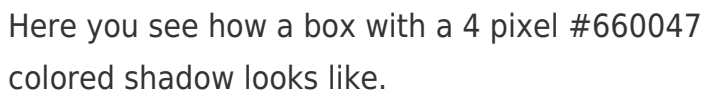
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#660047 }
```

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

```
.border{ border-color:#660047 }
```

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



Here you see how a box with a 4 pixel #660047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660047; -webkit-box-shadow:4px 4px  
4px 4px #660047; box-shadow:4px 4px 4px  
4px #660047 }
```

Background

The CSS property to change the background color of an element to Hex 660047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660047 }
```

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

```
.background{ background-color:#660047 }
```

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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