

Converting Colors

Hex(66004C)

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

Hex(66004C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66004C)

Conversions

Conversions Part 1

Format	Color
Hex	66004C
RGB	102, 0, 76
RGB Percent	40%, 0%, 30%
CMY	0.6000, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.25, 0.60
HSL	315°, 100%, 20%
HSV	315°, 100%, 40%
XYZ	6.7840, 3.3466, 7.1259
YIQ	39.1620, 36.3960, 45.2600

Conversions

Conversions Part 2

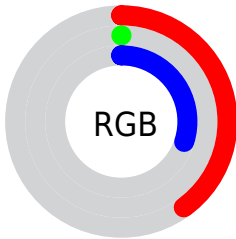
Format	Color
R_{YB}	102, 0, 76
Decimal	6684748
CIE _{Lab}	21.38, 46.28, -16.15
CIE _{LCh}	21, 49.013, 340.766
Yxy	3.3466, 0.3931, 0.1939
Android (android.graphics.Color)	4284874828 (0xFF66004C)
YUV	39.1620, 18.1611, 55.1089
Hunter-Lab	18.2937, 34.1807, -10.2895

Details

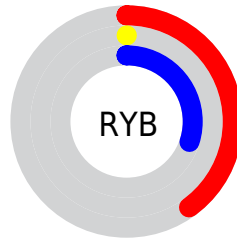
The Hex color **66004C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **00661A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9C3F7D**, and **340020** is the 20% darker color. If you saturate the color by 10%, you get **66004C**, and if you desaturate by 10%, it is **660A4F**.

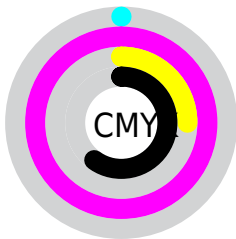
Distribution



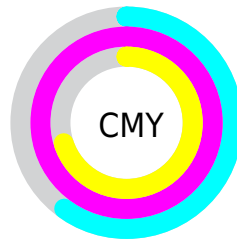
- Red (40%)
- Green (0%)
- Blue (30%)



- Red (40%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

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

 66004C

 66004C

FFFFFF

 4C0035

 9C3F7D

 340020

 B85997

 140004

 D573B2

 000000

 F28ECD

 FFA9EA

 FFC6FF

 FFE2FF

 66004C

 660A4F

 661451

 661F54

 662956

 663359

 663D5C

 66475E

 665261

 665C63

Harmonies

Analogous

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



42226B



66004C



700028

Triad

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



66004C



353600



004262

Complementary

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



66004C



00661A

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.



004240



66004C



053D00

Square

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



66004C



532900



00411A



003E79

Rectangle

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



66004C



6C0411



00411A



004258

Sweetspot

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



66004C



855D7A



1A0066



422A3C



C2C2C2



424242

Same Dimension

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



66004C



850063



66001A



332E32



730056



F200B5

Inverse Universe

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



66004C



850063



00664D



332E32



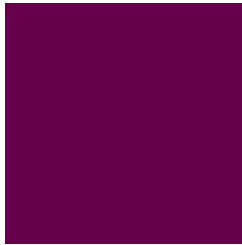
730056



F200B5

Previews

White Background



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

Color Contrast Check

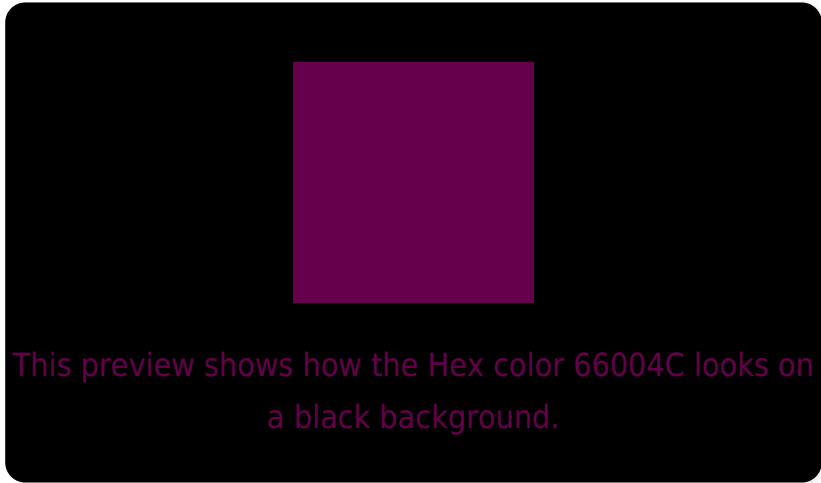
Large Text (above 18pt) WCAG AA ✓ Pass

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

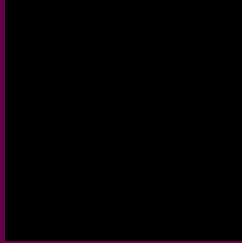
Any Text WCAG AA × Fail

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 66004C Background



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

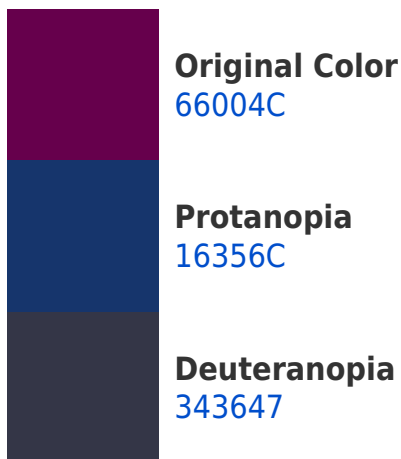


This preview shows how white text looks on a background with the Hex color 66004C.

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
631E1F

Trichromacy



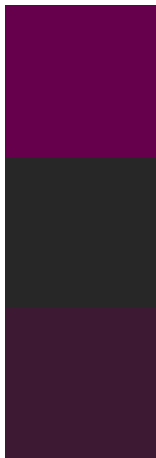
Original Color
66004C

Protanomaly
332260

Deuteranomaly
462249

Tritanomaly
64132F

Monochromacy



Original Color
66004C

Achromatopsia
272727

Achromatomaly
3E1934

CSS Examples

Text

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

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

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 #66004C colored shadow looks like.

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

Border

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

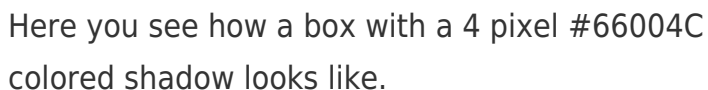
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor