

# Converting Colors

Hex(57004B)

Have a look what the booklet for  
Hex(57004B) contains.

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**Color**

**Hex(57004B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57004B
RGB	87, 0, 75
RGB Percent	34%, 0%, 29%
CMY	0.6588, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.14, 0.66
HSL	308°, 100%, 17%
HSV	308°, 100%, 34%
XYZ	5.2005, 2.5342, 6.8717
YIQ	34.5630, 27.7770, 41.7690

# Conversions

## Conversions Part 2

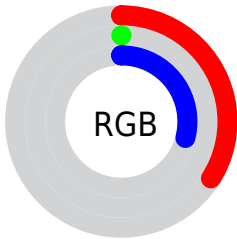
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 0, 75
Decimal	5701707
CIE <sub>Lab</sub>	18.07, 42.95, -20.88
CIE <sub>LCh</sub>	18, 47.760, 334.073
Yxy	2.5342, 0.3560, 0.1735
Android (android.graphics.Color)	4283891787 (0xFF57004B)
YUV	34.5630, 19.9354, 45.9872
Hunter-Lab	15.9193, 30.4533, -14.4494

# Details

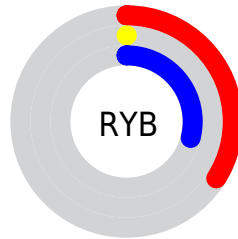
The Hex color **57004B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **00570C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **8C3B7C**, and **28001F** is the 20% darker color. If you saturate the color by 10%, you get **57004B**, and if you desaturate by 10%, it is **57094C**.

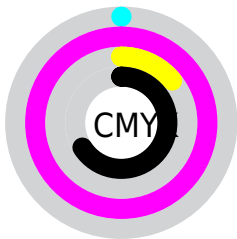
# Distribution



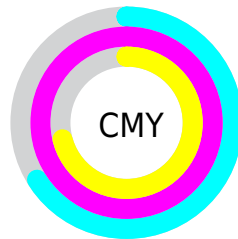
- Red (34%)
- Green (0%)
- Blue (29%)



- Red (34%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (66%)



- Cyan (66%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57004B 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 57004B by changing the saturation by 10% instead.



 57004B

 57004B

 FFF9FF

 3E0034

 8C3B7C

 28001F

 A75496

 000001

 C36EB1

 000000

 E089CC

 FDA4E9

 FFC0FF

 FFDCFF

 57004B

■ 57094C

■ 57114D

■ 571A4F

■ 572350

■ 572C51

■ 573452

■ 573D53

■ 574655

■ 574E56

# Harmonies

## Analogous

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



2C2066



57004B



650029

# Triad

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



57004B



342D00



003A52

# Complementary

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



57004B



00570C

# 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.



003A30



57004B



0C3400

# Square

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



57004B



4F1E00



00380A



00376B

# Rectangle

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



57004B



640013



00380A



003A48



# Sweetspot

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



57004B



704F6C



0C0057



382435



B8B8B8



383838



# Same Dimension

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



57004B



700061



570020



2B272B



6B005C



EB00CA



# Inverse Universe

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



57004B



700061



005737



2B272B



6B005C



EB00CA



# Previews

## White Background



This preview shows how the Hex color 57004B looks on a white background.

## Color Contrast Check

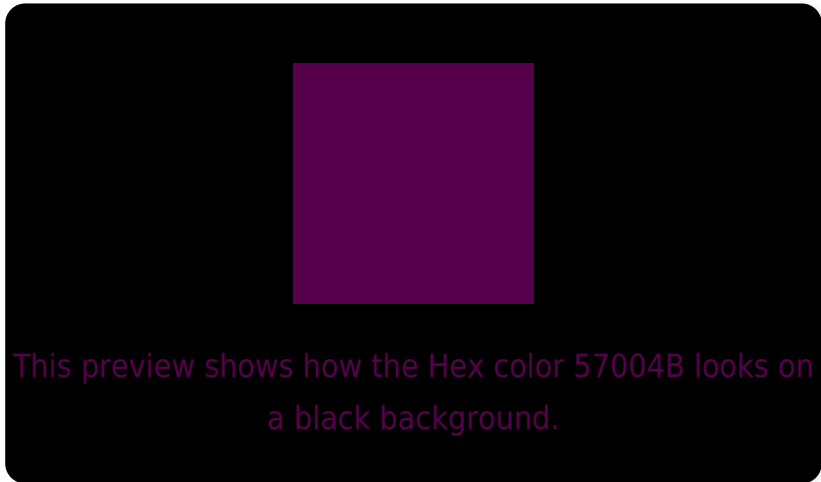
Large Text (above 18pt) WCAG AA ✓ Pass

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

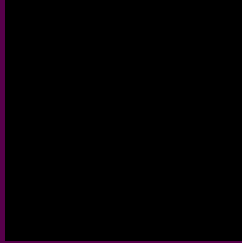
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 57004B Background



This preview shows how black text looks on a background with the Hex color 57004B.

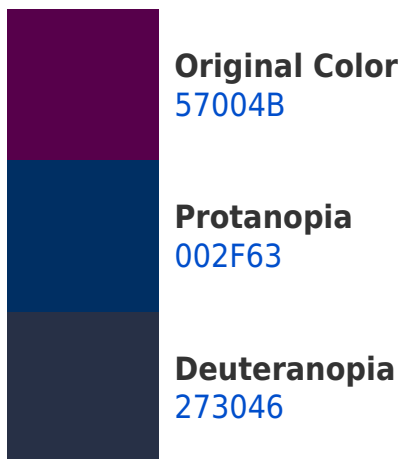


This preview shows how white text looks on a background with the Hex color 57004B.

# 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**  
531E1F

# Trichromacy



**Original Color**  
57004B

**Protanomaly**  
201E5A

**Deuteranomaly**  
381F48

**Tritanomaly**  
54132F

# Monochromacy



**Original Color**  
57004B

**Achromatopsia**  
232323

**Achromatomaly**  
361632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57004B 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 #57004B looks like.

```
.text, #text, p{  
    color:#57004B  
}
```

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 #57004B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57004B
}
```

## Border

The CSS property to change the border of an element to Hex 57004B is called "border". The border property can be set on classes, ids or directly on the HTML element.

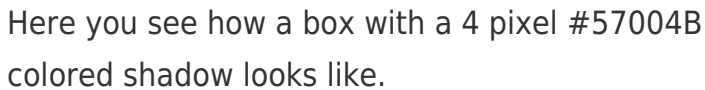
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57004B }
```

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

```
.border{ border-color:#57004B }
```

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



Here you see how a box with a 4 pixel #57004B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57004B; -webkit-box-shadow:4px 4px  
4px 4px #57004B; box-shadow:4px 4px 4px  
4px #57004B }
```

# Background

The CSS property to change the background color of an element to Hex 57004B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57004B }
```

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

```
.background{ background-color:#57004B }
```

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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