

# Converting Colors

Hex(58004D)

Have a look what the booklet for  
Hex(58004D) contains.

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# Color

**Hex(58004D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58004D
RGB	88, 0, 77
RGB Percent	35%, 0%, 30%
CMY	0.6549, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.12, 0.65
HSL	308°, 100%, 17%
HSV	308°, 100%, 35%
XYZ	5.3641, 2.6105, 7.2423
YIQ	35.0900, 27.7310, 42.6030

# Conversions

## Conversions Part 2

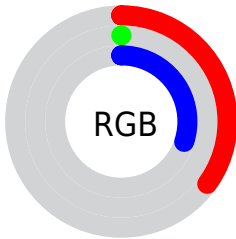
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 0, 77
Decimal	5767245
CIE <sub>Lab</sub>	18.41, 43.46, -21.70
CIE <sub>LCh</sub>	18, 48.582, 333.464
Yxy	2.6105, 0.3525, 0.1716
Android (android.graphics.Color)	4283957325 (0xFF58004D)
YUV	35.0900, 20.6616, 46.4021
Hunter-Lab	16.1571, 30.9858, -15.2664

# Details

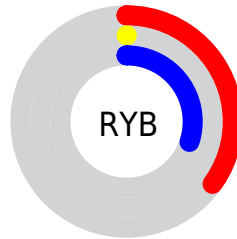
The Hex color **58004D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **00580B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **8D3B7E**, and **290021** is the 20% darker color. If you saturate the color by 10%, you get **58004D**, and if you desaturate by 10%, it is **58094E**.

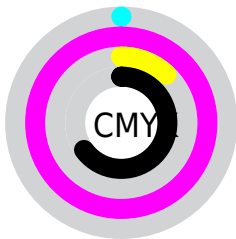
# Distribution



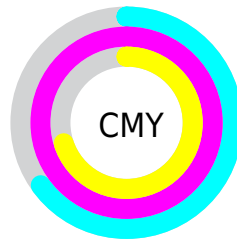
- Red (35%)
- Green (0%)
- Blue (30%)



- Red (35%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58004D 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 58004D by changing the saturation by 10% instead.



 58004D

 58004D

 FFFAFF

 3F0036

 8D3B7E

 290021

 A85598

 000004

 C56FB3

 000000

 E189CF

 FFA4EB

 FFC0FF

 FFDDFF

 58004D

■ 58094E

■ 58124F

■ 581A50

■ 582351

■ 582C53

■ 583554

■ 583E55

■ 584656

■ 584F57

# Harmonies

## Analogous

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



2B2169



58004D



67002B

# Triad

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



58004D



352D00



003B53

# Complementary

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



58004D



00580B

# 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.



003B30



58004D



0D3500

# Square

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



58004D



501E00



003909



00386D

# Rectangle

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



58004D



660014



003909



003B48



# Sweetspot

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



58004D



73506E



0A0058



3B2638



BABABA



3B3B3B



# Same Dimension

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



58004D



730064



580022



2B272B



6B005E



EB00CD



# Inverse Universe

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



58004D



730064



005836



2B272B



6B005E



EB00CD



# Previews

## White Background



This preview shows how the Hex color 58004D looks on a white background.

## Color Contrast Check

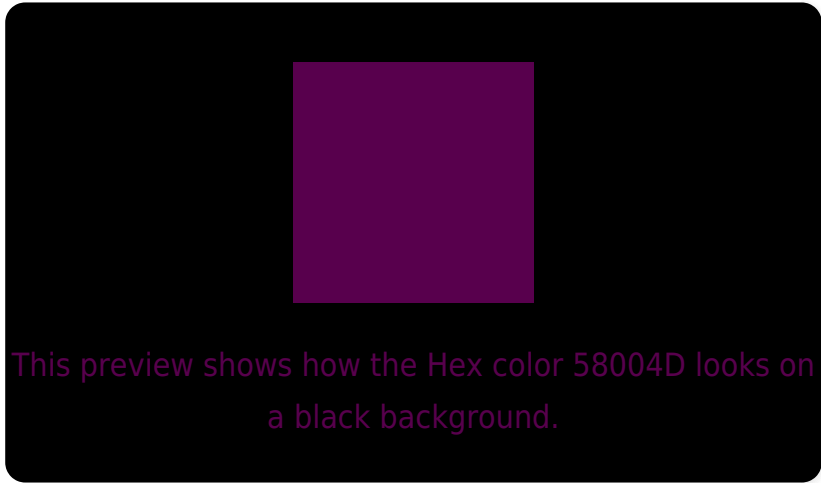
Large Text (above 18pt) WCAG AA ✓ Pass

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

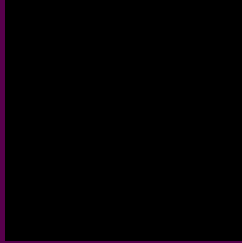
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58004D Background



This preview shows how black text looks on a background with the Hex color 58004D.

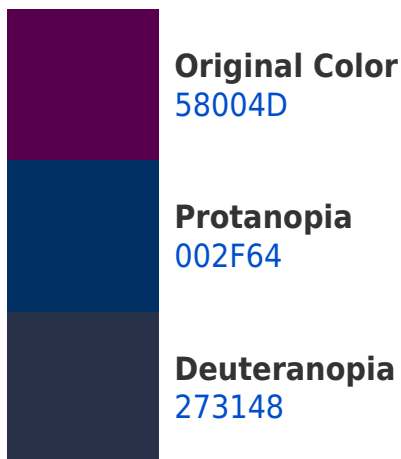


This preview shows how white text looks on a background with the Hex color 58004D.

# 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**  
541E20

# Trichromacy



**Original Color**  
58004D

**Protanomaly**  
201E5C

**Deuteranomaly**  
391F4A

**Tritanomaly**  
551330

# Monochromacy



**Original Color**  
58004D

**Achromatopsia**  
232323

**Achromatomaly**  
361632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58004D 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 #58004D looks like.

```
.text, #text, p{  
    color:#58004D  
}
```

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 #58004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58004D
}
```

## Border

The CSS property to change the border of an element to Hex 58004D is called "border". The border property can be set on classes, ids or directly on the HTML element.

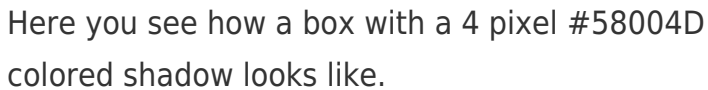
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58004D }
```

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

```
.border{ border-color:#58004D }
```

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



Here you see how a box with a 4 pixel #58004D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58004D; -webkit-box-shadow:4px 4px  
4px 4px #58004D; box-shadow:4px 4px 4px  
4px #58004D }
```

# Background

The CSS property to change the background color of an element to Hex 58004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58004D }
```

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

```
.background{ background-color:#58004D }
```

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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