

Converting Colors

Hex(50004E)

Have a look what the booklet for
Hex(50004E) contains.

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Color

Hex(50004E)

Conversions

Conversions Part 1

Format	Color
Hex	50004E
RGB	80, 0, 78
RGB Percent	31%, 0%, 31%
CMY	0.6863, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.02, 0.69
HSL	302°, 100%, 16%
HSV	302°, 100%, 31%
XYZ	4.6834, 2.2555, 7.3962
YIQ	32.8120, 22.6420, 41.2180

Conversions

Conversions Part 2

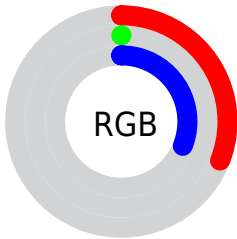
Format	Color
RYB	80, 0, 78
Decimal	5242958
CIELab	16.77, 42.04, -25.10
CIElCh	17, 48.957, 329.162
Yxy	2.2555, 0.3267, 0.1573
Android (android.graphics.Color)	4283433038 (0xFF50004E)
YUV	32.8120, 22.2777, 41.3839
Hunter-Lab	15.0184, 29.3820, -18.6861

Details

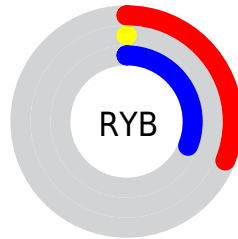
The Hex color **50004E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005002**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **843980**, and **210021** is the 20% darker color. If you saturate the color by 10%, you get **50004E**, and if you desaturate by 10%, it is **50084E**.

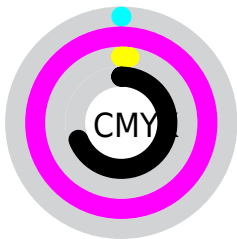
Distribution



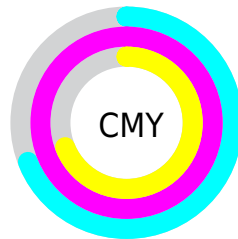
- Red (31%)
- Green (0%)
- Blue (31%)



- Red (31%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50004E 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 50004E by changing the saturation by 10% instead.

 50004E

 50004E

 FFF6FF

 370037

 843980

 210021

 9F539A

 000006

 BB6CB5

 000000

 D887D0

 F5A2ED

 FFBDFE

 FFD AFF

 50004E

 50084E

 50104E

 50184F

 50204F

 50284F

 50304F

 50384F

 504050

 504850

Harmonies

Analogous

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



192068



50004E



62002C

Triad

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



50004E



352800



00374B

Complementary

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



50004E



005002

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.



003727



50004E



103100

Square

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



50004E



4F1700



003500



003566

Rectangle

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



50004E



620015



003500



003740

Sweetspot

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



50004E



694968



010050



362235



B5B5B5



363636

Same Dimension

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



50004E



690066



500027



292529



E800E2

Inverse Universe

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



50004E



690066



005029



292529



E800E2

Previews

White Background



This preview shows how the Hex color 50004E looks on a white background.

Color Contrast Check

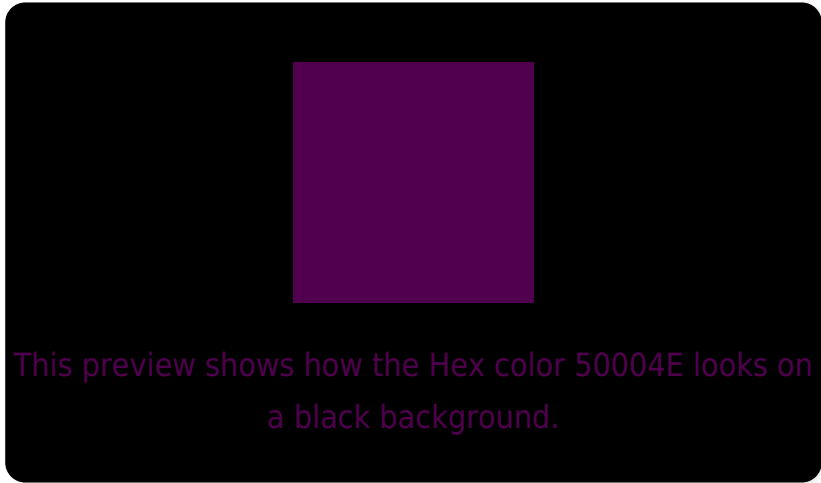
Large Text (above 18pt) WCAG AA ✓ Pass

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

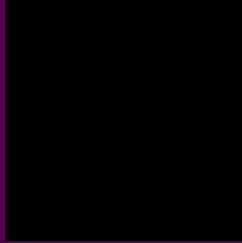
Any Text WCAG AA × Fail

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 50004E Background



This preview shows how black text looks on a background with the Hex color 50004E.



This preview shows how white text looks on a background with the Hex color 50004E.

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
50004E

Protanopia
002C5D

Deuteranopia
1D2E49



Tritanopia
4B1F21

Trichromacy



Original Color
50004E

Protanomaly
1D1C58

Deuteranomaly
301D4B

Tritanomaly
4D1431

Monochromacy



Original Color
50004E

Achromatopsia
212121

Achromatomaly
321531

CSS Examples

Text

The CSS property to change the color of the text to Hex 50004E 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 #50004E looks like.

```
.text, #text, p{  
    color:#50004E  
}
```

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 #50004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50004E
}
```

Border

The CSS property to change the border of an element to Hex 50004E 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".

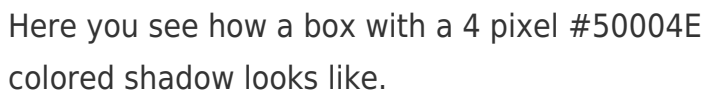
```
.border, #border, table{ border:4px solid
#50004E }
```

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

```
.border{ border-color:#50004E }
```

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

Here you see how a box with a 4 pixel #50004E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50004E; -webkit-box-shadow:4px 4px  
4px 4px #50004E; box-shadow:4px 4px 4px  
4px #50004E }
```

Background

The CSS property to change the background color of an element to Hex 50004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50004E }
```

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

```
.background{ background-color:#50004E }
```

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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