

# Converting Colors

Hex(400004)

Have a look what the booklet for  
Hex(400004) contains.

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**Color**

**Hex(400004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	400004
RGB	64, 0, 4
RGB Percent	25%, 0%, 2%
CMY	0.7490, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.94, 0.75
HSL	356°, 100%, 13%
HSV	356°, 100%, 25%
XYZ	2.1363, 1.0988, 0.2144
YIQ	19.5920, 36.8600, 14.8120

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 0, 4
Decimal	4194308
CIE <sub>Lab</sub>	9.79, 29.95, 13.81
CIE <sub>LCh</sub>	10, 32.979, 24.757
Yxy	1.0988, 0.6193, 0.3185
Android (android.graphics.Color)	4282384388 (0xFF400004)
YUV	19.5920, -7.6869, 38.9458
Hunter-Lab	10.4821, 18.0346, 6.1251

# Details

The Hex color **400004** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00403C**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **743132**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400004**, and if you desaturate by 10%, it is **40060A**.

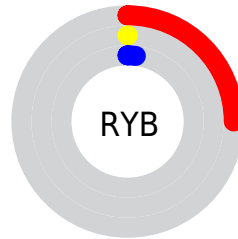
# Distribution



Red (25%)

Green (0%)

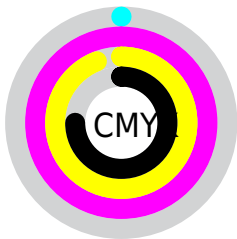
Blue (2%)



Red (25%)

Yellow (0%)

Blue (2%)

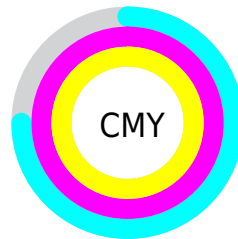


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (75%)



Cyan (75%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 400004 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 400004 by changing the saturation by 10% instead.



 400004

 400004

 FFE9E5

 2A0001

 743132

 000000

 904949

 AC6160

 C87B79

 E69593

 FFBOAE

 FFCCC9

 400004

■ 40060A

■ 400D10

■ 401316

■ 401A1C

■ 402022

■ 402628

■ 402D2E

■ 403334

■ 403A3A

# Harmonies

## Analogous

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



3F0020



400004



360E00

# Triad

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



400004



002300



001F48

# Complementary

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



400004



00403C

# 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.



00233F



400004



002516

# Square

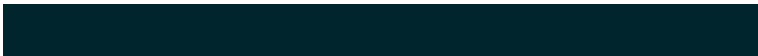
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



400004



111F00



00252D



0B1744

# Rectangle

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



400004



2C1600



00252D



002146



# Sweetspot

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



400004



543B3C



3C0040



2B1C1D



ABABAB



2B2B2B



# Same Dimension

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



400004



540005



401C00



211E1E



610006



E0000E



# Inverse Universe

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



400004



540005



002440



211E1E



610006

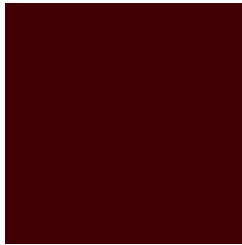


E0000E



# Previews

## White Background



This preview shows how the Hex color 400004 looks on a white background.

## Color Contrast Check

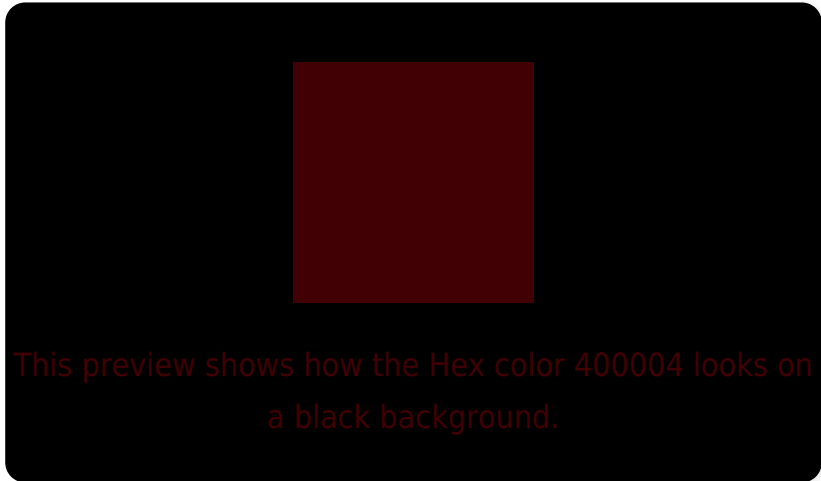
Large Text (above 18pt) WCAG AA ✓ Pass

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

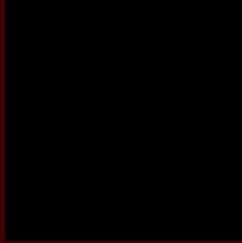
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 400004 Background



This preview shows how black text looks on a background with the Hex color 400004.

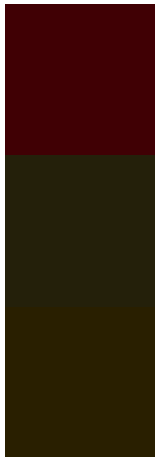


This preview shows how white text looks on a background with the Hex color 400004.

# 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**  
400004

**Protanopia**  
24200A

**Deuteranopia**  
291F00

# Trichromacy

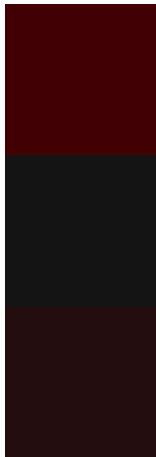


**Original Color**  
400004

**Protanomaly**  
2E1408

**Deuteranomaly**  
311401

# Monochromacy



**Original Color**  
400004

**Achromatopsia**  
141414

**Achromatomaly**  
240D0E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 400004 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 #400004 looks like.

```
.text, #text, p{  
    color:#400004  
}
```

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 #400004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400004
}
```

## Border

The CSS property to change the border of an element to Hex 400004 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".

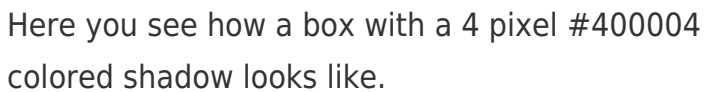
```
.border, #border, table{ border:4px solid
#400004 }
```

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

```
.border{ border-color:#400004 }
```

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

Here you see how a box with a 4 pixel #400004 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #400004 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400004; -webkit-box-shadow:4px 4px  
4px 4px #400004; box-shadow:4px 4px 4px  
4px #400004 }
```

# Background

The CSS property to change the background color of an element to Hex 400004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400004 }
```

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

```
.background{ background-color:#400004 }
```

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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