

Converting Colors

Hex(400054)

Have a look what the booklet for
Hex(400054) contains.

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Color

Hex(400054)

Conversions

Conversions Part 1

Format	Color
Hex	400054
RGB	64, 0, 84
RGB Percent	25%, 0%, 33%
CMY	0.7490, 1.0000, 0.6706
CMYK	0.24, 1.00, 0.00, 0.67
HSL	286°, 100%, 16%
HSV	286°, 100%, 33%
XYZ	3.7146, 1.7301, 8.5257
YIQ	28.7120, 11.1800, 39.6920

Conversions

Conversions Part 2

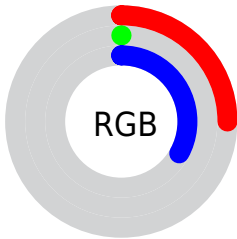
Format	Color
R_{YB}	64, 0, 84
Decimal	4194388
CIE _{Lab}	14.00, 40.36, -33.84
CIE _{LCh}	14, 52.667, 320.026
Yxy	1.7301, 0.2659, 0.1238
Android (android.graphics.Color)	4282384468 (0xFF400054)
YUV	28.7120, 27.2570, 30.9476
Hunter-Lab	13.1533, 27.3916, -29.2232

Details

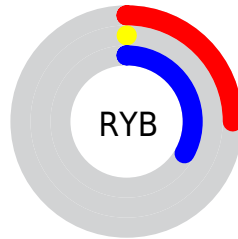
The Hex color **400054** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **145400**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **733686**, and **080026** is the 20% darker color. If you saturate the color by 10%, you get **400054**, and if you desaturate by 10%, it is **420854**.

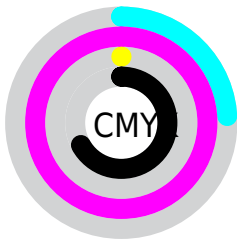
Distribution



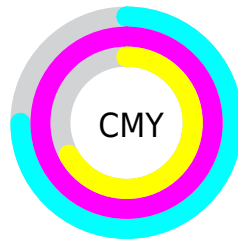
- Red (25%)
- Green (0%)
- Blue (33%)



- Red (25%)
- Yellow (0%)
- Blue (33%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (67%)



- Cyan (75%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 400054 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 400054 by changing the saturation by 10% instead.

 400054

 400054

 FFF1FF

 28003C

 733686

 080026

 8E4FA1

 00010F

 A968BC

 000000

 C582D8

 E29DF5

 FFB8FF

 FFD4FF

 400054

■ 420854

■ 441154

■ 461954

■ 482254

■ 4A2A54

■ 4C3254

■ 4E3B54

■ 504354

■ 524C54

Harmonies

Analogous

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



00206B



400054



5B0032

Triad

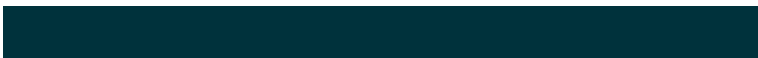
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



400054



371E00



00323C

Complementary

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



400054



145400

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.



003115



400054



152900

Square

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



400054



500200



002E00



00315D

Rectangle

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



400054



5F001A



002E00



003230

Sweetspot

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



400054



664D6E



001554



332438



B8B8B8



383838

Same Dimension

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



400054



54006E



54003F



282529



500069



B100E8

Inverse Universe

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



540014



6E001A



005415



292526



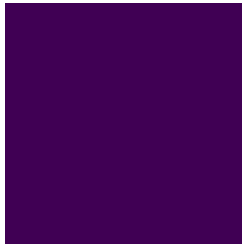
690019



E80037

Previews

White Background



This preview shows how the Hex color 400054 looks on a white background.

Color Contrast Check

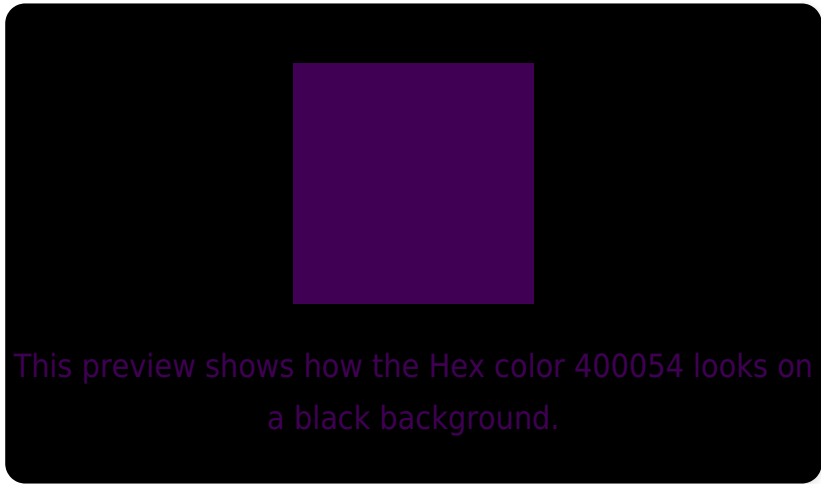
Large Text (above 18pt) WCAG AA ✓ Pass

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

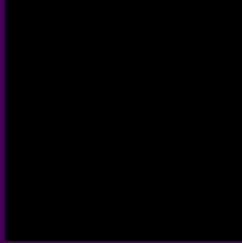
Any Text WCAG AA × Fail

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 400054 Background



This preview shows how black text looks on a background with the Hex color 400054.



This preview shows how white text looks on a background with the Hex color 400054.

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
400054

Protanopia
002751

Deuteranopia
002947



Tritanopia
392123

Trichromacy



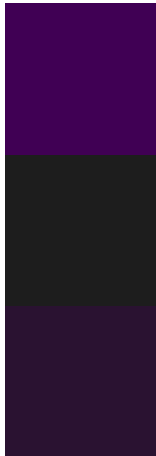
Original Color
400054

Protanomaly
171952

Deuteranomaly
171A4C

Tritanomaly
3C1535

Monochromacy



Original Color
400054

Achromatopsia
1D1D1D

Achromatomaly
2A1231

CSS Examples

Text

The CSS property to change the color of the text to Hex 400054 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 #400054 looks like.

```
.text, #text, p{  
    color:#400054  
}
```

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 #400054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400054
}
```

Border

The CSS property to change the border of an element to Hex 400054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

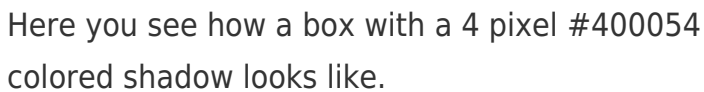
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#400054 }
```

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

```
.border{ border-color:#400054 }
```

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



Here you see how a box with a 4 pixel #400054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400054; -webkit-box-shadow:4px 4px  
4px 4px #400054; box-shadow:4px 4px 4px  
4px #400054 }
```

Background

The CSS property to change the background color of an element to Hex 400054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400054 }
```

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

```
.background{ background-color:#400054 }
```

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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