

# Converting Colors

Hex(40080D)

Have a look what the booklet for  
Hex(40080D) contains.

<b>Hex(40080D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(40080D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	40080D
RGB	64, 8, 13
RGB Percent	25%, 3%, 5%
CMY	0.7490, 0.9686, 0.9490
CMYK	0.00, 0.88, 0.80, 0.75
HSL	355°, 78%, 14%
HSV	355°, 88%, 25%
XYZ	2.2738, 1.2927, 0.5104
YIQ	25.3140, 31.7710, 13.4270

# Conversions

## Conversions Part 2

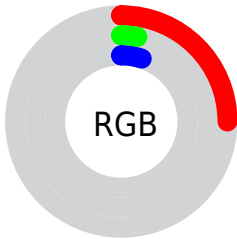
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">64, 8, 13</a>
Decimal	<a href="#">4196365</a>
CIELab	<a href="#">11.22, 26.72, 12.05</a>
CIElCh	<a href="#">11, 29.316, 24.273</a>
Yxy	<a href="#">1.2927, 0.5577, 0.3171</a>
Android (android.graphics.Color)	<a href="#">4282386445 (0xFF40080D)</a>
YUV	<a href="#">25.3140, -6.0708, 33.9276</a>
Hunter-Lab	<a href="#">11.3698, 15.8011, 5.2970</a>

# Details

The Hex color **40080D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **08403B**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **743738**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400207**, and if you desaturate by 10%, it is **400E13**.

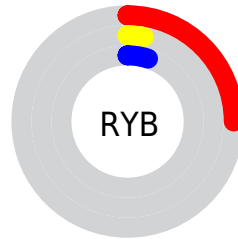
# Distribution



Red (25%)

Green (3%)

Blue (5%)



Red (25%)

Yellow (3%)

Blue (5%)

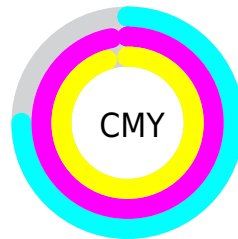


Cyan (0%)

Magenta (88%)

Yellow (80%)

Black (75%)



Cyan (75%)

Magenta (97%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40080D 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 40080D by changing the saturation by 10% instead.



 40080D

 40080D

 FFEFEC

 2A0001

 743738

 000000

 8F4F4F

 AB6867

 C78180

 E49C9A

 FFB7B4

 FFD3D0

 40080D

 40080D

■ 400207

■ 400E13

■ 400006

■ 401519

■ 401B1E

■ 402224

■ 40282A

■ 402E30

■ 403536

■ 403B3C

■ 404241

# Harmonies

## Analogous

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



3F0623



40080D



381300

# Triad

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



40080D



002500



002246

# Complementary

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



40080D



08403B

# 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.



00253E



40080D



002719

# Square

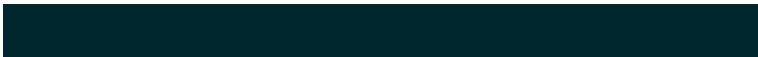
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40080D



182200



00272E



131A43

# Rectangle

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



40080D



2F1900



00272E



002345



# Sweetspot

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



40080D



543E40



3A0840



2B1E1F



ABABAB



2B2B2B



# Same Dimension

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



40080D



540008



401E08



211E1E



610009



E00014



# Inverse Universe

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



40080D



540008



082A40



211E1E



610009

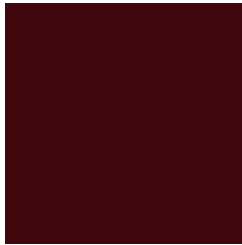


E00014



# Previews

## White Background



This preview shows how the Hex color 40080D looks on a white background.

## Color Contrast Check

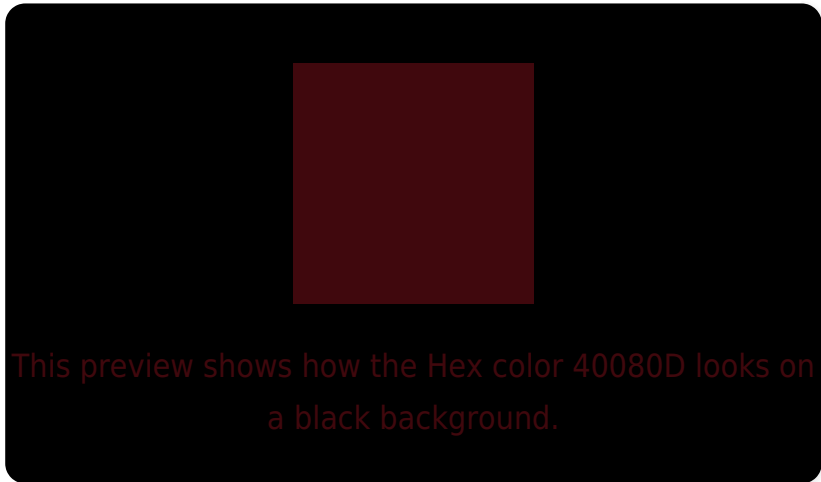
Large Text (above 18pt) WCAG AA ✓ Pass

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

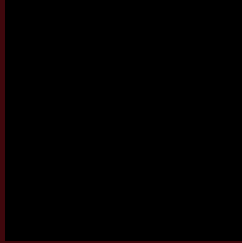
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40080D Background



This preview shows how black text looks on a background with the Hex color 40080D.

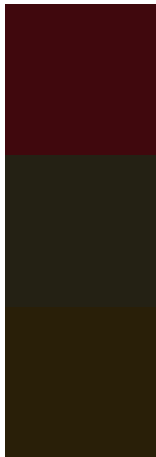


This preview shows how white text looks on a background with the Hex color 40080D.

# 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](#).

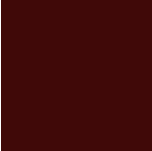
## Dichromacy



**Original Color**  
40080D

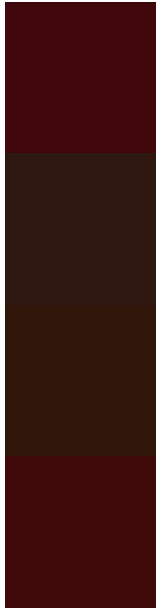
**Protanopia**  
242114

**Deuteranopia**  
291F08



**Tritanopia**  
400908

# Trichromacy



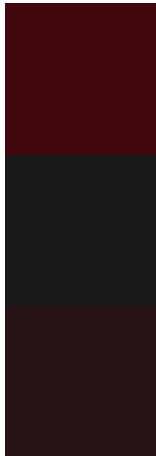
**Original Color**  
40080D

**Protanomaly**  
2E1811

**Deuteranomaly**  
31170A

**Tritanomaly**  
40090A

# Monochromacy



**Original Color**  
40080D

**Achromatopsia**  
191919

**Achromatomaly**  
271315

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40080D 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 #40080D looks like.

```
.text, #text, p{  
    color:#40080D  
}
```

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 #40080D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40080D }  
}
```

## Border

The CSS property to change the border of an element to Hex 40080D is called "border". The border property can be set on classes, ids or directly on the HTML element.

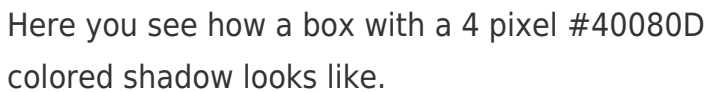
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #40080D }  
}
```

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

```
.border{ border-color:#40080D }
```

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



Here you see how a box with a 4 pixel #40080D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40080D; -webkit-box-shadow:4px 4px  
4px 4px #40080D; box-shadow:4px 4px 4px  
4px #40080D }
```

# Background

The CSS property to change the background color of an element to Hex 40080D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40080D }
```

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

```
.background{ background-color:#40080D }
```

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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