

Converting Colors

Hex(40070D)

Have a look what the booklet for
Hex(40070D) contains.

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Color

Hex(40070D)

Conversions

Conversions Part 1

Format	Color
Hex	40070D
RGB	64, 7, 13
RGB Percent	25%, 3%, 5%
CMY	0.7490, 0.9725, 0.9490
CMYK	0.00, 0.89, 0.80, 0.75
HSL	354°, 80%, 14%
HSV	354°, 89%, 25%
XYZ	2.2630, 1.2710, 0.5068
YIQ	24.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

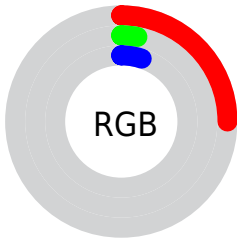
Format	Color
RYB	64, 7, 13
Decimal	4196109
CIELab	11.07, 27.16, 11.84
CIELCh	11, 29.624, 23.556
Yxy	1.2710, 0.5600, 0.3145
Android (android.graphics.Color)	4282386189 (0xFF40070D)
YUV	24.7270, -5.7814, 34.4424
Hunter-Lab	11.2739, 16.1005, 5.2263

Details

The Hex color **40070D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **07403A**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **743638**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400107**, and if you desaturate by 10%, it is **400D13**.

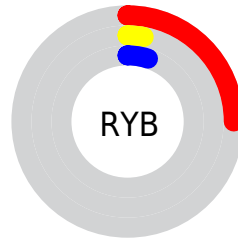
Distribution



Red (25%)

Green (3%)

Blue (5%)



Red (25%)

Yellow (3%)

Blue (5%)

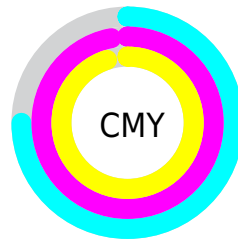


Cyan (0%)

Magenta (89%)

Yellow (80%)

Black (75%)



Cyan (75%)

Magenta (97%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40070D 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 40070D by changing the saturation by 10% instead.

 40070D

 40070D

 FFEFEC

 2A0001

 743638

 000000

 8F4E4F

 AB6767

 C78180

 E49B9A

 FFB6B4

 FFD2D0

 40070D

 40070D

■ 400107

■ 400D13

■ 400007

■ 401418

■ 401A1E

■ 402124

■ 40272A

■ 402D2F

■ 403435

■ 403A3B

■ 404141

Harmonies

Analogous

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



3E0523



40070D



381200

Triad

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



40070D



002500



002146

Complementary

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



40070D



07403A

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



40070D



002718

Square

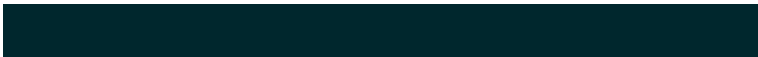
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40070D



182100



00272D



111A43

Rectangle

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



40070D



2F1900



00272D



002345

Sweetspot

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



40070D



543D40



390740



2B1D1F



ABABAB



2B2B2B

Same Dimension

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



40070D



540009



401D07



211E1E



61000A



E00018

Inverse Universe

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



40070D



540009



072A40



211E1E



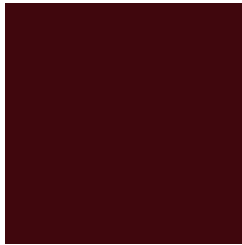
61000A



E00018

Previews

White Background



This preview shows how the Hex color 40070D looks on a white background.

Color Contrast Check

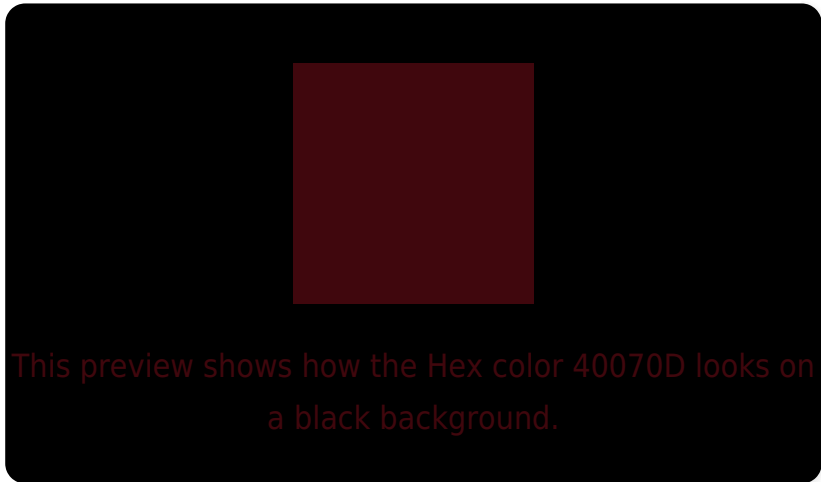
Large Text (above 18pt) WCAG AA ✓ Pass

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

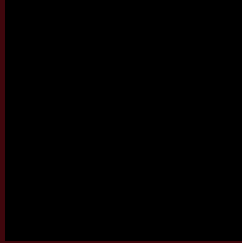
Any Text WCAG AA × Fail

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 40070D Background



This preview shows how black text looks on a background with the Hex color 40070D.



This preview shows how white text looks on a background with the Hex color 40070D.

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
40070D

Protanopia
242114

Deuteranopia
291F08



Tritanopia
400807

Trichromacy



Original Color

40070D

Protanomaly

2E1811

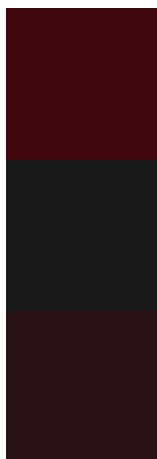
Deuteranomaly

31160A

Tritanomaly

400809

Monochromacy



Original Color

40070D

Achromatopsia

191919

Achromatomaly

271215

CSS Examples

Text

The CSS property to change the color of the text to Hex 40070D 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 #40070D looks like.

```
.text, #text, p{  
    color:#40070D  
}
```

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 #40070D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40070D
}
```

Border

The CSS property to change the border of an element to Hex 40070D 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
#40070D }
```

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

```
.border{ border-color:#40070D }
```

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

Here you see how a box with a 4 pixel #40070D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40070D; -webkit-box-shadow:4px 4px  
4px 4px #40070D; box-shadow:4px 4px 4px  
4px #40070D }
```

Background

The CSS property to change the background color of an element to Hex 40070D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40070D }
```

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

```
.background{ background-color:#40070D }
```

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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