

Converting Colors

Hex(40050C)

Have a look what the booklet for
Hex(40050C) contains.

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Color

Hex(40050C)

Conversions

Conversions Part 1

Format	Color
Hex	40050C
RGB	64, 5, 12
RGB Percent	25%, 2%, 5%
CMY	0.7490, 0.9804, 0.9529
CMYK	0.00, 0.92, 0.81, 0.75
HSL	353°, 86%, 14%
HSV	353°, 92%, 25%
XYZ	2.2350, 1.2251, 0.4665
YIQ	23.4390, 32.9170, 14.6850

Conversions

Conversions Part 2

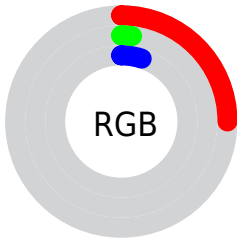
Format	Color
RYB	64, 5, 12
Decimal	4195596
CIELab	10.74, 27.98, 11.85
CIELCh	11, 30.387, 22.946
Yxy	1.2251, 0.5692, 0.3120
Android (android.graphics.Color)	4282385676 (0xFF40050C)
YUV	23.4390, -5.6394, 35.5720
Hunter-Lab	11.0683, 16.6743, 5.2489

Details

The Hex color **40050C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **054039**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **743537**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400008**, and if you desaturate by 10%, it is **400B12**.

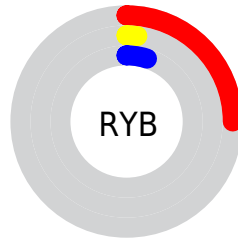
Distribution



Red (25%)

Green (2%)

Blue (5%)



Red (25%)

Yellow (2%)

Blue (5%)

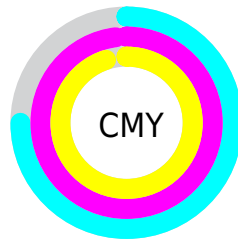


Cyan (0%)

Magenta (92%)

Yellow (81%)

Black (75%)



Cyan (75%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40050C 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 40050C by changing the saturation by 10% instead.

 40050C

 40050C

 FFEDEB

 2A0001

 743537

 000000

 8F4D4E

 AB6666

 C77F7F

 E49A99

 FFB5B4

 FFD0CF

 40050C

 40050C

■ 400008

■ 400B12

■ 401217

■ 40181D

■ 401F23

■ 402528

■ 402B2E

■ 403233

■ 403839

■ 403F3F

Harmonies

Analogous

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



3E0323



40050C



381100

Triad

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



40050C



002400



002146

Complementary

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



40050C



054039

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



40050C



002617

Square

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



40050C



172100



00262D



0D1A43

Rectangle

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



40050C



2F1800



00262D



002345

Sweetspot

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



40050C



543D3F



380540



2B1D1E



ABABAB



2B2B2B

Same Dimension

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



40050C



54000A



401B05



211E1E



61000B



E0001B

Inverse Universe

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



40050C



54000A



052A40



211E1E



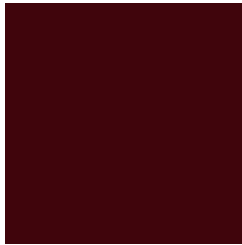
61000B



E0001B

Previews

White Background



This preview shows how the Hex color 40050C looks on a white background.

Color Contrast Check

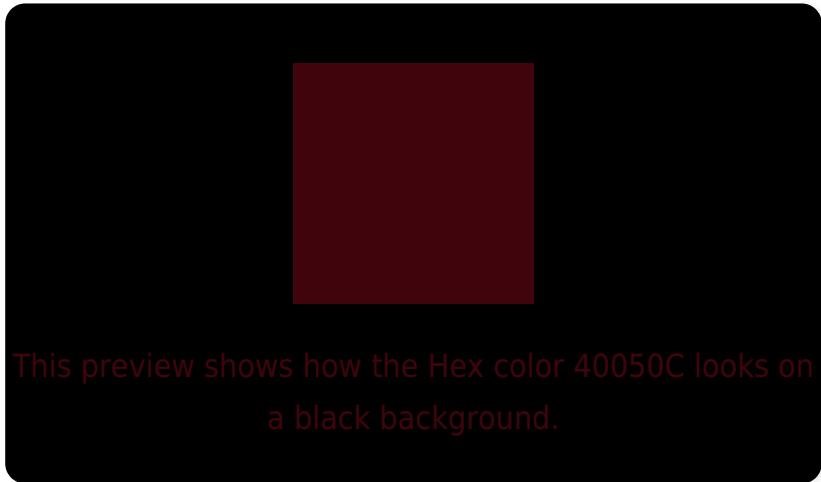
Large Text (above 18pt) WCAG AA ✓ Pass

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

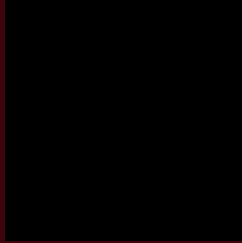
Any Text WCAG AA × Fail

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 40050C Background



This preview shows how black text looks on a background with the Hex color 40050C.

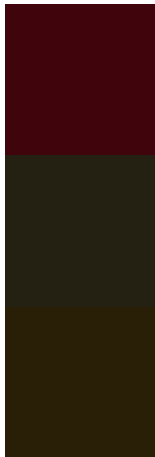


This preview shows how white text looks on a background with the Hex color 40050C.

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
40050C

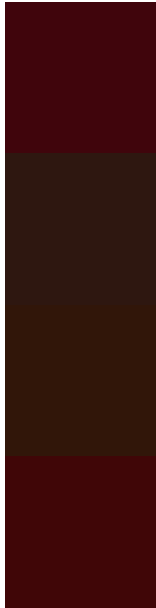
Protanopia
242113

Deuteranopia
291F07



Tritanopia
400704

Trichromacy



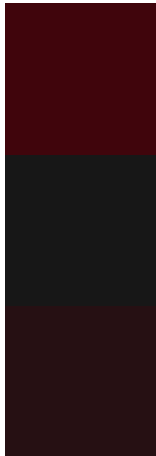
Original Color
40050C

Protanomaly
2E1710

Deuteranomaly
311609

Tritanomaly
400607

Monochromacy



Original Color
40050C

Achromatopsia
171717

Achromatomaly
261013

CSS Examples

Text

The CSS property to change the color of the text to Hex 40050C 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 #40050C looks like.

```
.text, #text, p{  
    color:#40050C  
}
```

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 #40050C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40050C  
}
```

Border

The CSS property to change the border of an element to Hex 40050C 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".

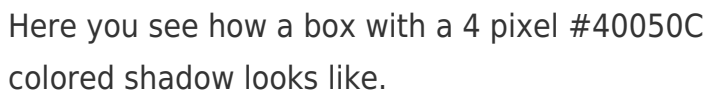
```
.border, #border, table{ border:4px solid  
#40050C }
```

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

```
.border{ border-color:#40050C }
```

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

Here you see how a box with a 4 pixel #40050C 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 #40050C colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40050C; -webkit-box-shadow:4px 4px  
4px 4px #40050C; box-shadow:4px 4px 4px  
4px #40050C }
```

Background

The CSS property to change the background color of an element to Hex 40050C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40050C }
```

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

```
.background{ background-color:#40050C }
```

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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