

Converting Colors

Hex(42040C)

Have a look what the booklet for
Hex(42040C) contains.

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Color

Hex(42040C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 42040C |
| RGB | 66, 4, 12 |
| RGB Percent | 26%, 2%, 5% |
| CMY | 0.7412, 0.9843, 0.9529 |
| CMYK | 0.00, 0.94, 0.82, 0.74 |
| HSL | 352°, 89%, 14% |
| HSV | 352°, 94%, 26% |
| XYZ | 2.3565, 1.2716, 0.4691 |
| YIQ | 23.4500, 34.3840, 15.6320 |

Conversions

Conversions Part 2

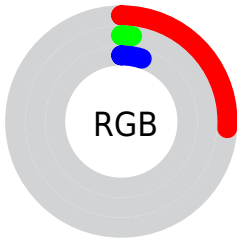
| Format | Color |
|-------------------------------------|--|
| RYB | 66, 4, 12 |
| Decimal | 4326412 |
| CIELab | 11.08, 29.09, 12.39 |
| CIELCh | 11, 31.619, 23.063 |
| Yxy | 1.2716, 0.5752, 0.3104 |
| Android (android.graphics.Color) | 4282516492 (0xFF42040C) |
| YUV | 23.4500, -5.6448, 37.3164 |
| Hunter-Lab | 11.2766, 17.5680, 5.4274 |

Details

The Hex color **42040C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **04423A**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **773537**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420009**, and if you desaturate by 10%, it is **420B12**.

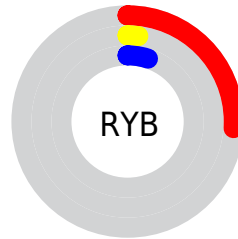
Distribution



Red (26%)

Green (2%)

Blue (5%)



Red (26%)

Yellow (2%)

Blue (5%)

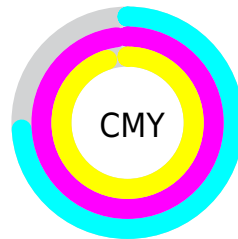


Cyan (0%)

Magenta (94%)

Yellow (82%)

Black (74%)



Cyan (74%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42040C 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 42040C by changing the saturation by 10% instead.

 42040C

 42040C

 FFEDEB

 2C0001

 773537

 000000

 924D4E

 AE6666

 CA7F7F

 E79A99

 FFB5B4

 FFD0CF

 42040C

 42040C

■ 420009

■ 420B12

■ 421117

■ 42181D

■ 421E23

■ 422529

■ 422C2E

■ 423234

■ 42393A

■ 423F40

Harmonies

Analogous

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



400224



42040C



3A1100

Triad

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



42040C



002500



002249

Complementary

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



42040C



04423A

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.



002640



42040C



002718

Square

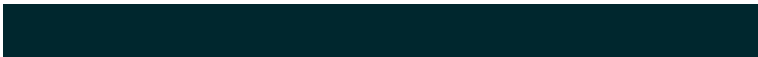
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42040C



172100



00272E



0D1A46

Rectangle

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



42040C



301800



00272E



002447

Sweetspot

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



42040C



573E42



3A0442



2B1D1F



ABABAB



2B2B2B

Same Dimension

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



42040C



57000B



421B04



211E1E



61000D



E0001D

Inverse Universe

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



42040C



57000B



042B42



211E1E



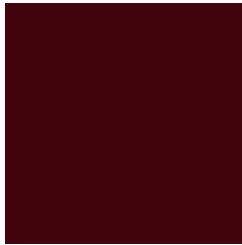
61000D



E0001D

Previews

White Background



This preview shows how the Hex color 42040C 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

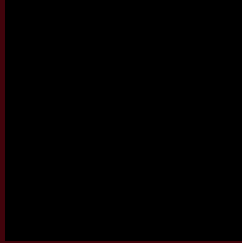
Any Text WCAG AA × Fail

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 42040C Background



This preview shows how black text looks on a background with the Hex color 42040C.

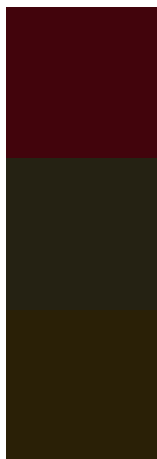


This preview shows how white text looks on a background with the Hex color 42040C.

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
42040C

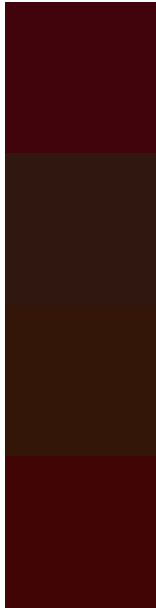
Protanopia
252213

Deuteranopia
2A2006



Tritanopia
420603

Trichromacy



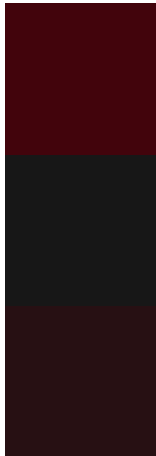
Original Color
42040C

Protanomaly
301710

Deuteranomaly
331608

Tritanomaly
420506

Monochromacy



Original Color
42040C

Achromatopsia
171717

Achromatomaly
271013

CSS Examples

Text

The CSS property to change the color of the text to Hex 42040C 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 #42040C looks like.

```
.text, #text, p{  
    color:#42040C  
}
```

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 #42040C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42040C
}
```

Border

The CSS property to change the border of an element to Hex 42040C 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".

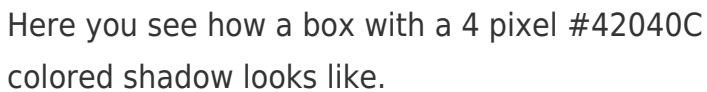
```
.border, #border, table{ border:4px solid
#42040C }
```

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

```
.border{ border-color:#42040C }
```

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

Here you see how a box with a 4 pixel #42040C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42040C; -webkit-box-shadow:4px 4px  
4px 4px #42040C; box-shadow:4px 4px 4px  
4px #42040C }
```

Background

The CSS property to change the background color of an element to Hex 42040C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42040C }
```

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

```
.background{ background-color:#42040C }
```

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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