

Converting Colors

Hex(12040A)

Have a look what the booklet for
Hex(12040A) contains.

Hex(12040A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(12040A)

Conversions

Conversions Part 1

Format	Color
Hex	12040A
RGB	18, 4, 10
RGB Percent	7%, 2%, 4%
CMY	0.9294, 0.9843, 0.9608
CMYK	0.00, 0.78, 0.44, 0.93
HSL	334°, 64%, 4%
HSV	334°, 78%, 7%
XYZ	0.3477, 0.2373, 0.3146
YIQ	8.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

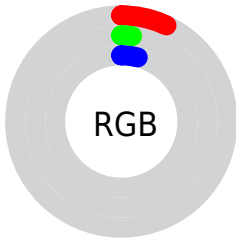
Format	Color
RYB	18, 4, 10
Decimal	1180682
CIELab	2.14, 5.00, -0.80
CIELCh	2, 5.065, 350.864
Yxy	0.2373, 0.3864, 0.2638
Android (android.graphics.Color)	4279370762 (0xFF12040A)
YUV	8.8700, 0.5571, 8.0070
Hunter-Lab	4.8718, 4.2122, -0.4190

Details

The Hex color **12040A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **04120C**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3C3336**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120209**, and if you desaturate by 10%, it is **12060B**.

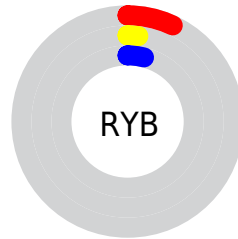
Distribution



Red (7%)

Green (2%)

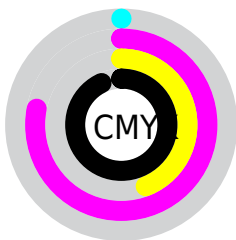
Blue (4%)



Red (7%)

Yellow (2%)

Blue (4%)

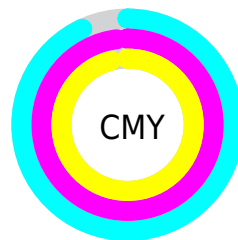


Cyan (0%)

Magenta (78%)

Yellow (44%)

Black (93%)



Cyan (93%)

Magenta (98%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12040A 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 12040A by changing the saturation by 10% instead.

■ 12040A

■ 12040A

■ F2E5EA

■ 000000

■ 3C3336

■ 53494D

■ 6B6165

■ 857A7E

■ 9F9398

■ BAAEB2

■ D5C9CE

■ 12040A

■ 12040A

■ 120209

■ 12060B

■ 120008

■ 12080C

■ 12090D

■ 120B0E

■ 120D0F

■ 120F10

■ 121111

■ 121212

■ 121413

Harmonies

Analogous

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



0E050F



12040A



130404

Triad

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



12040A



070900



000B10

Complementary

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



12040A



04120C

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.



000C0C



12040A



010B00

Square

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



12040A



0E0700



000C06



000912

Rectangle

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



12040A



130500



000C06



000B0F

Sweetspot

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



12040A



171214



0C0412



0D090B



8C8C8C



0D0D0D

Same Dimension

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



12040A



17020B



120504



0A090A



4A0020



C90056

Inverse Universe

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



12040A



17020B



041112



0A090A



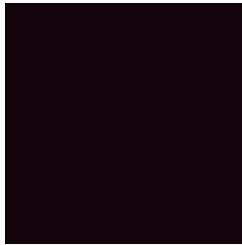
4A0020



C90056

Previews

White Background



This preview shows how the Hex color 12040A looks on a white background.

Color Contrast Check

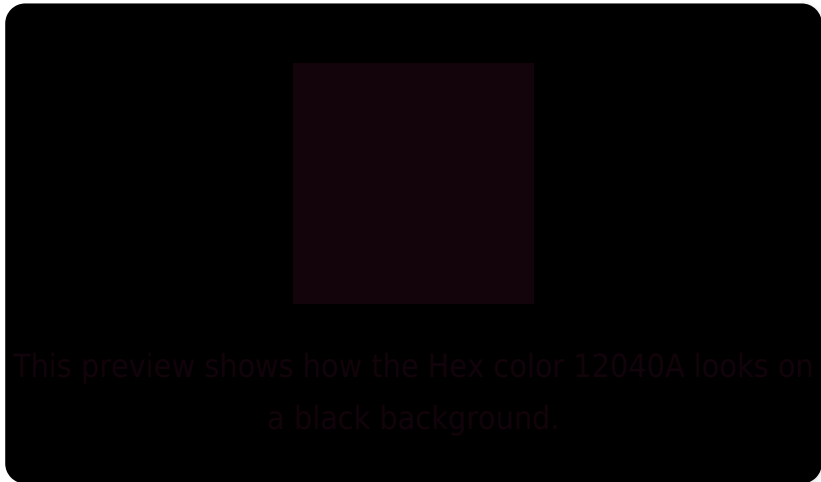
Large Text (above 18pt) WCAG AA ✓ Pass

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

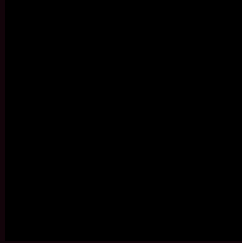
Any Text WCAG AA × Fail

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 12040A Background



This preview shows how black text looks on a background with the Hex color 12040A.



This preview shows how white text looks on a background with the Hex color 12040A.

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
12040A

Protanopia
090A0D

Deuteranopia
0B0A09



Tritanopia
120506

Trichromacy



Original Color
12040A

Protanomaly
0C080C

Deuteranomaly
0E0809

Tritanomaly
120507

Monochromacy



Original Color
12040A

Achromatopsia
090909

Achromatomaly
0C0709

CSS Examples

Text

The CSS property to change the color of the text to Hex 12040A 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 #12040A looks like.

```
.text, #text, p{  
    color:#12040A  
}
```

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 #12040A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12040A
}
```

Border

The CSS property to change the border of an element to Hex 12040A is called "border". The border property can be set on classes, ids or directly on the HTML element.

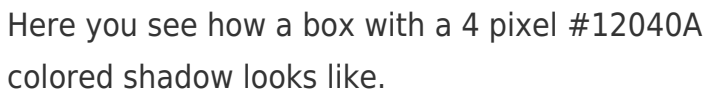
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12040A }
```

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

```
.border{ border-color:#12040A }
```

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



Here you see how a box with a 4 pixel #12040A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12040A; -webkit-box-shadow:4px 4px  
4px 4px #12040A; box-shadow:4px 4px 4px  
4px #12040A }
```

Background

The CSS property to change the background color of an element to Hex 12040A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12040A }
```

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

```
.background{ background-color:#12040A }
```

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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