

Converting Colors

Hex(40AC0D)

Have a look what the booklet for
Hex(40AC0D) contains.

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Color

Hex(40AC0D)

Conversions

Conversions Part 1

Format	Color
Hex	40AC0D
RGB	64, 172, 13
RGB Percent	25%, 67%, 5%
CMY	0.7490, 0.3255, 0.9490
CMYK	0.63, 0.00, 0.92, 0.33
HSL	101°, 86%, 36%
HSV	101°, 92%, 67%
XYZ	16.9395, 30.6241, 5.3990
YIQ	121.5820, -13.3290, -72.3450

Conversions

Conversions Part 2

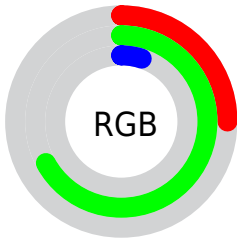
Format	Color
RYB	13, 172, 121
Decimal	4238349
CIELab	62.19, -55.64, 61.33
CIElCh	62, 82.812, 132.216
Yxy	30.6241, 0.3198, 0.5782
Android (android.graphics.Color)	4282428429 (0xFF40AC0D)
YUV	121.5820, -53.5309, -50.4994
Hunter-Lab	55.3390, -42.2037, 32.9529

Details

The Hex color **40AC0D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **790DAC**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7DE44F**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **37AC00**, and if you desaturate by 10%, it is **4CAC1E**.

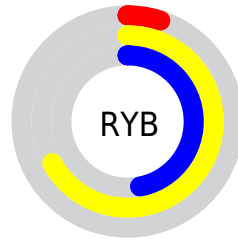
Distribution



Red (25%)

Green (67%)

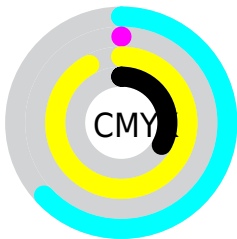
Blue (5%)



Red (5%)

Yellow (67%)

Blue (47%)

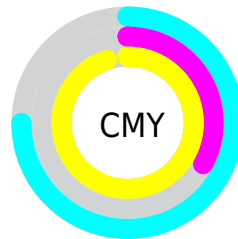


Cyan (63%)

Magenta (0%)

Yellow (92%)

Black (33%)



Cyan (75%)

Magenta (33%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40AC0D 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 40AC0D by changing the saturation by 10% instead.

 40AC0D

 40AC0D

FFFFFF

 189100

 7DE44F

 007600

 9BFF6B

 005D00

 B8FF86

 004400

 D6FFA2

 002E00

 F4FFBF

 000E00

 FFFFDB

 000000

 FFFFF9

 40AC0D

 40AC0D

■ 37AC00

■ 4CAC1E

■ 57AC2F

■ 63AC41

■ 6FAC52

■ 7AAC63

■ 86AC74

■ 92AC85

■ 9DAC97

■ A9ACA8

Harmonies

Analogous

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



9A9D00



40AC0D



00B466

Triad

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



40AC0D



00ABFF



FF3C7C

Complementary

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



40AC0D



790DAC

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.



FF4AC5



40AC0D



0096FF

Square

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



40AC0D



00B4F8



BD73FF



FF5E35

Rectangle

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



40AC0D



00B69A



BD73FF



FF3A94

Sweetspot

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



40AC0D



B6E0A2



AC770D



56704A



F0F0F0



707070

Same Dimension

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



40AC0D



48E000



0DAC27



51574E



309600



071700

Inverse Universe

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



790DAC



9800E0



AC0D91



544E57



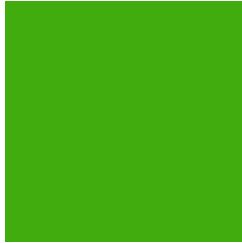
660096



100017

Previews

White Background



This preview shows how the Hex color 40AC0D looks on a white background.

Color Contrast Check

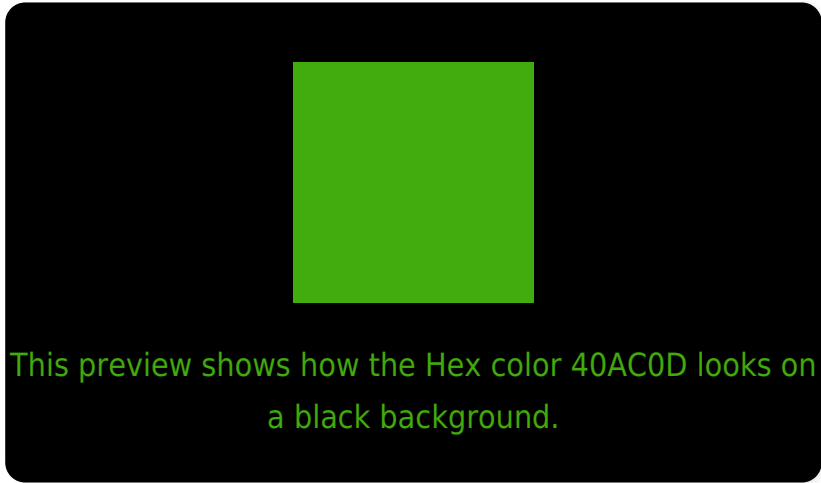
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

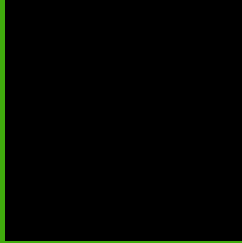
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 40AC0D Background



This preview shows how black text looks on a background with the Hex color 40AC0D.

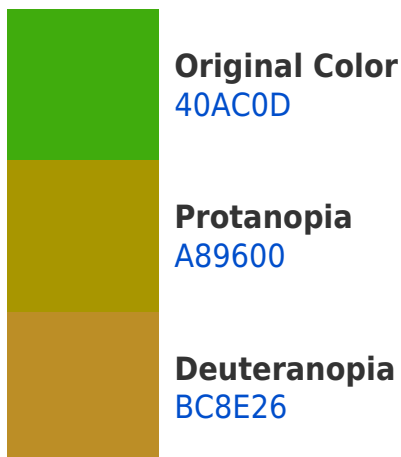


This preview shows how white text looks on a background with the Hex color 40AC0D.

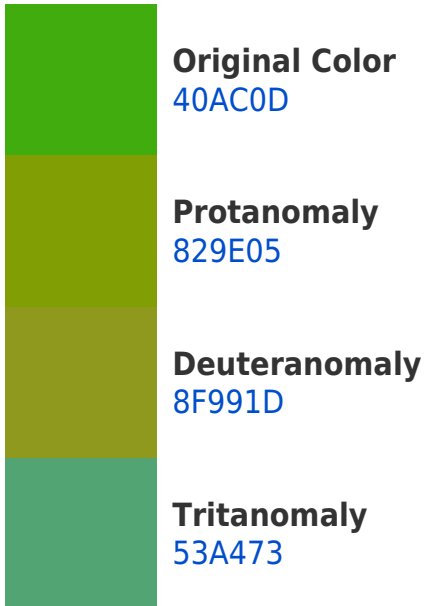
Color Blindness Simulation

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](#).

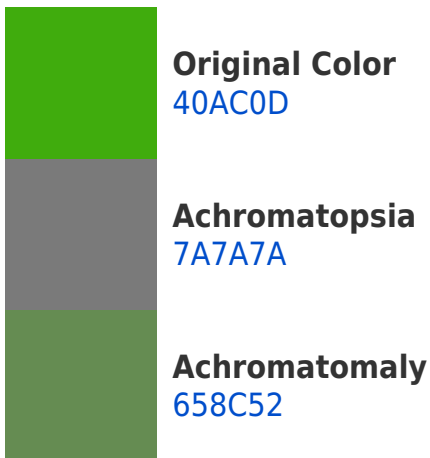
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40AC0D 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 #40AC0D looks like.

```
.text, #text, p{  
    color:#40AC0D  
}
```

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 #40AC0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40AC0D
}
```

Border

The CSS property to change the border of an element to Hex 40AC0D 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
#40AC0D }
```

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

```
.border{ border-color:#40AC0D }
```

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

Here you see how a box with a 4 pixel #40AC0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40AC0D; -webkit-box-shadow:4px 4px  
4px 4px #40AC0D; box-shadow:4px 4px 4px  
4px #40AC0D }
```

Background

The CSS property to change the background color of an element to Hex 40AC0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40AC0D }
```

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

```
.background{ background-color:#40AC0D }
```

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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