

Converting Colors

Hex(40A72E)

Have a look what the booklet for
Hex(40A72E) contains.

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Color

Hex(40A72E)

Conversions

Conversions Part 1

Format	Color
Hex	40A72E
RGB	64, 167, 46
RGB Percent	25%, 65%, 18%
CMY	0.7490, 0.3451, 0.8196
CMYK	0.62, 0.00, 0.72, 0.35
HSL	111°, 57%, 42%
HSV	111°, 72%, 65%
XYZ	16.4262, 28.9247, 7.3020
YIQ	122.4090, -22.5470, -59.4670

Conversions

Conversions Part 2

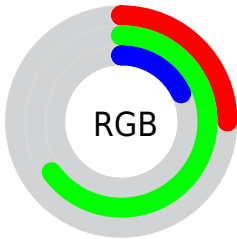
Format	Color
RYB	46, 167, 149
Decimal	4237102
CIELab	60.72, -52.16, 51.01
CIELCh	61, 72.958, 135.639
Yxy	28.9247, 0.3120, 0.5493
Android (android.graphics.Color)	4282427182 (0xFF40A72E)
YUV	122.4090, -37.6696, -51.2247
Hunter-Lab	53.7817, -39.5997, 29.5973

Details

The Hex color **40A72E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **952EA7**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7BDF63**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **32A71D**, and if you desaturate by 10%, it is **4EA73F**.

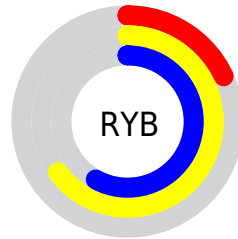
Distribution



Red (25%)

Green (65%)

Blue (18%)



Red (18%)

Yellow (65%)

Blue (58%)

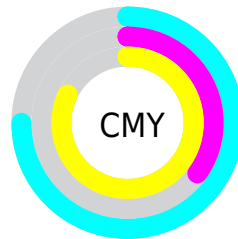


Cyan (62%)

Magenta (0%)

Yellow (72%)

Black (35%)



Cyan (75%)

Magenta (35%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A72E 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 40A72E by changing the saturation by 10% instead.

 40A72E

 40A72E

FFFFFF

 1B8C0E

 7BDF63

 007200

 98FC7E

 005800

 B5FF99

 004000

 D3FFB5

 002A00

 F0FFD1

 000500

 FFFFEE

 000000

 40A72E

 40A72E

 32A71D

 4EA73F

 24A70D

 5CA74F

 19A700

 6BA760

 79A771

 87A782

 95A792

 A4A7A3

 B2A7B4

 C0A7C4

Harmonies

Analogous

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



909A00



40A72E



00AE70

Triad

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



40A72E



00A3FF



FF4E74

Complementary

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



40A72E



952EA7

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.



F653B4



40A72E



408FFF

Square

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



40A72E



00ADEE



BF71ED



F26737

Rectangle

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



40A72E



00AF9D



BF71ED



FF4B89

Sweetspot

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



40A72E



B0D9A9



A7952E



556E51



EDEDED



6E6E6E

Same Dimension

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



40A72E



38D91C



2EA758



4D544C



169400



031400

Inverse Universe

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



952EA7



BD1CD9



A72E7D



534C54



7E0094



110014

Previews

White Background



This preview shows how the Hex color 40A72E looks on a white background.

Color Contrast Check

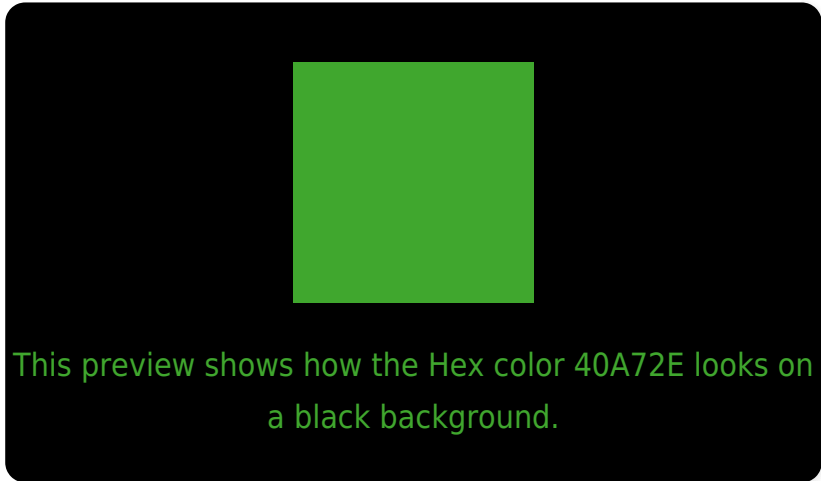
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 40A72E Background



This preview shows how black text looks on a background with the Hex color 40A72E.

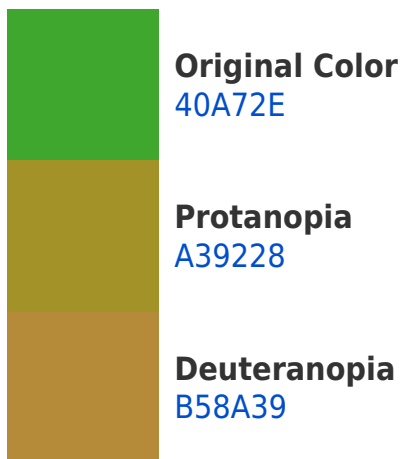


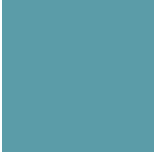
This preview shows how white text looks on a background with the Hex color 40A72E.

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





Tritanopia
5B9CA8

Trichromacy



Original Color
40A72E



Protanomaly
7F9A2A



Deuteranomaly
8A9535



Tritanomaly
51A07C

Monochromacy



Original Color
40A72E



Achromatopsia
7A7A7A



Achromatomaly
658A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 40A72E 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 #40A72E looks like.

```
.text, #text, p{  
    color:#40A72E  
}
```

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 #40A72E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A72E
}
```

Border

The CSS property to change the border of an element to Hex 40A72E is called "border". The border property can be set on classes, ids or directly on the HTML element.

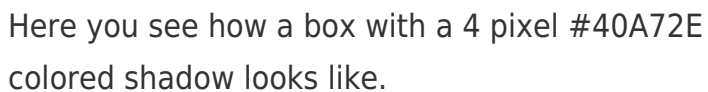
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40A72E }
```

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

```
.border{ border-color:#40A72E }
```

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



Here you see how a box with a 4 pixel #40A72E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A72E; -webkit-box-shadow:4px 4px  
4px 4px #40A72E; box-shadow:4px 4px 4px  
4px #40A72E }
```

Background

The CSS property to change the background color of an element to Hex 40A72E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A72E }
```

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

```
.background{ background-color:#40A72E }
```

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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