

Converting Colors

Hex(40C92D)

Have a look what the booklet for
Hex(40C92D) contains.

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Color

Hex(40C92D)

Conversions

Conversions Part 1

Format	Color
Hex	40C92D
RGB	64, 201, 45
RGB Percent	25%, 79%, 18%
CMY	0.7490, 0.2118, 0.8235
CMYK	0.68, 0.00, 0.78, 0.21
HSL	113°, 63%, 48%
HSV	113°, 78%, 79%
XYZ	23.4747, 43.0527, 9.5554
YIQ	142.2530, -31.5760, -77.5600

Conversions

Conversions Part 2

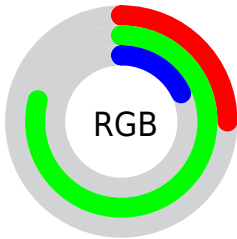
Format	Color
RYB	45, 201, 182
Decimal	4245805
CIELab	71.59, -63.84, 62.14
CIELCh	72, 89.090, 135.773
Yxy	43.0527, 0.3085, 0.5659
Android (android.graphics.Color)	4282435885 (0xFF40C92D)
YUV	142.2530, -47.9457, -68.6279
Hunter-Lab	65.6146, -50.9643, 37.2959

Details

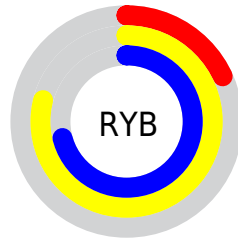
The Hex color **40C92D** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **B62DC9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **82FF67**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **2EC919**, and if you desaturate by 10%, it is **52C941**.

Distribution



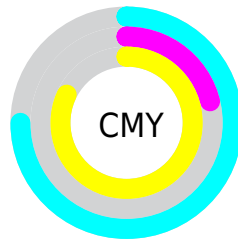
- Red (25%)
- Green (79%)
- Blue (18%)



- Red (18%)
- Yellow (79%)
- Blue (71%)



- Cyan (68%)
- Magenta (0%)
- Yellow (78%)
- Black (21%)



- Cyan (75%)
- Magenta (21%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40C92D 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 40C92D by changing the saturation by 10% instead.

 40C92D

 40C92D

FFFFFF

 0BAD01

 82FF67

 009100

 A0FF82

 007700

 BFFF9E

 005D00

 DDFFB8

 004300

 FCFFD7

 002C00

 FFFFF5

 000B00

 000000

 40C92D

 40C92D

 2EC919

 52C941

 1DC905

 63C955

 18C900

 75C969

 87C97D

 98C992

 AAC9A6

 BCC9BA

 CDC9CE

 DFC9E2

Harmonies

Analogous

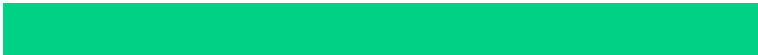
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABB900



40C92D



00D184

Triad

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



40C92D



00C4FF



FF5388

Complementary

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



40C92D



B62DC9

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.



FF5ADA



40C92D



35ABFF

Square

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



40C92D



00D0FF



E783FF



FF773B

Rectangle

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



40C92D



00D3BD



E783FF



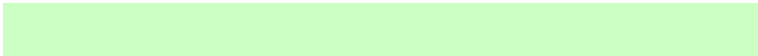
FF4FA3

Sweetspot

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



40C92D



CBFFC4



C9B42D



60805C



000000



808080

Same Dimension

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



40C92D



2FFF12



2DC966



5B635A



14A300



042400

Inverse Universe

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



B62DC9



E212FF



C92D90



625A63



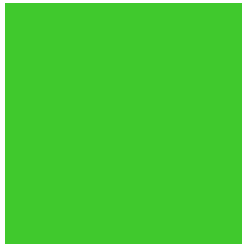
8F00A3



1F0024

Previews

White Background



This preview shows how the Hex color 40C92D looks on a white background.

Color Contrast Check

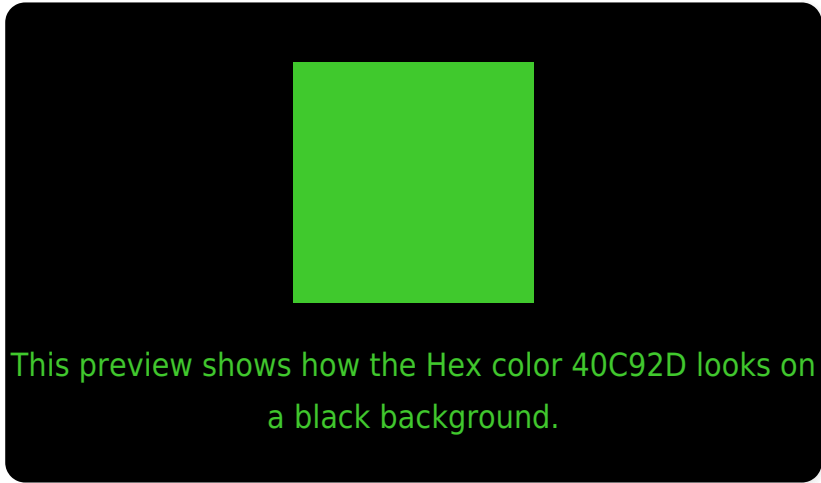
Large Text (above 18pt) WCAG AA × Fail

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 40C92D Background



This preview shows how black text looks on a background with the Hex color 40C92D.

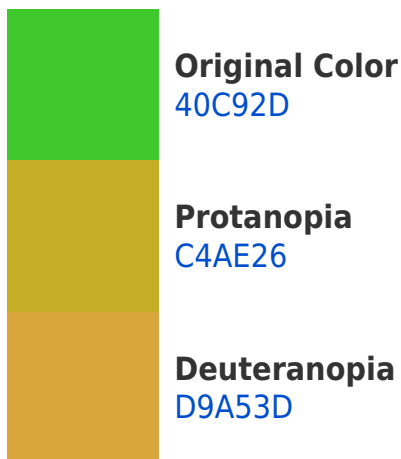


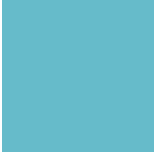
This preview shows how white text looks on a background with the Hex color 40C92D.

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
66BBCA

Trichromacy



Original Color
40C92D



Protanomaly
94B829



Deuteranomaly
A1B237



Tritanomaly
58C091

Monochromacy



Original Color
40C92D



Achromatopsia
8E8E8E



Achromatomaly
72A36B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40C92D 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 #40C92D looks like.

```
.text, #text, p{  
    color:#40C92D  
}
```

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 #40C92D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C92D
}
```

Border

The CSS property to change the border of an element to Hex 40C92D 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
#40C92D }
```

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

```
.border{ border-color:#40C92D }
```

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

Here you see how a box with a 4 pixel #40C92D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C92D; -webkit-box-shadow:4px 4px  
4px 4px #40C92D; box-shadow:4px 4px 4px  
4px #40C92D }
```

Background

The CSS property to change the background color of an element to Hex 40C92D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C92D }
```

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

```
.background{ background-color:#40C92D }
```

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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