

Converting Colors

Hex(40990C)

Have a look what the booklet for
Hex(40990C) contains.

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Color

Hex(40990C)

Conversions

Conversions Part 1

Format	Color
Hex	40990C
RGB	64, 153, 12
RGB Percent	25%, 60%, 5%
CMY	0.7490, 0.4000, 0.9529
CMYK	0.58, 0.00, 0.92, 0.40
HSL	98°, 85%, 32%
HSV	98°, 92%, 60%
XYZ	13.5719, 23.8990, 4.2455
YIQ	110.3150, -7.7830, -62.7190

Conversions

Conversions Part 2

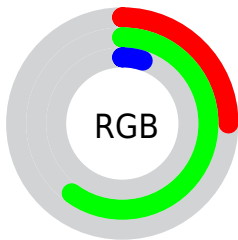
Format	Color
RYB	12, 153, 101
Decimal	4233484
CIELab	55.99, -48.95, 56.30
CIELCh	56, 74.599, 131.006
Yxy	23.8990, 0.3253, 0.5729
Android (android.graphics.Color)	4282423564 (0xFF40990C)
YUV	110.3150, -48.4693, -40.6183
Hunter-Lab	48.8866, -35.9962, 29.0717

Details

The Hex color **40990C** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **650C99**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7AD04B**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **389900**, and if you desaturate by 10%, it is **4A991B**.

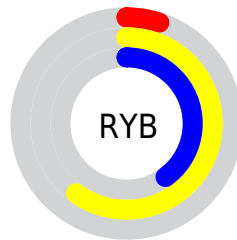
Distribution



Red (25%)

Green (60%)

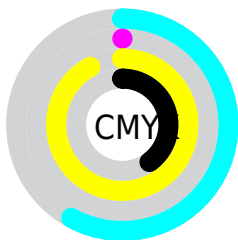
Blue (5%)



Red (5%)

Yellow (60%)

Blue (40%)

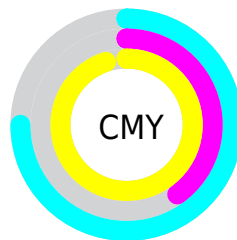


Cyan (58%)

Magenta (0%)

Yellow (92%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40990C 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 40990C by changing the saturation by 10% instead.

 40990C

 40990C

FFFFFF

 1E7E00

 7AD04B

 006500

 97ED66

 004C00

 B4FF81

 003400

 D1FF9C

 001D00

 EEFFB8

 000000

 FFFFD5

 FFFFF2

 40990C

 40990C

■ 389900

■ 4A991B

■ 53992B

■ 5D993A

■ 679949

■ 709958

■ 7A9968

■ 849977

■ 8D9986

■ 979996

Harmonies

Analogous

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



8C8B00



40990C



00A059

Triad

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



40990C



0099FF



F73871

Complementary

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



40990C



650C99

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.



E345B2



40990C



0086FF

Square

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



40990C



00A1DA



A569E9



E95433

Rectangle

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



40990C



00A287



A569E9



F53787

Sweetspot

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



40990C



A4C78F



99630C



4E6342



E3E3E3



636363

Same Dimension

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



40990C



49C700



0C991C



484D45



348C00



050D00

Inverse Universe

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



650C99



7E00C7



990C89



4A454D



59008C



08000D

Previews

White Background



This preview shows how the Hex color 40990C looks on a white background.

Color Contrast Check

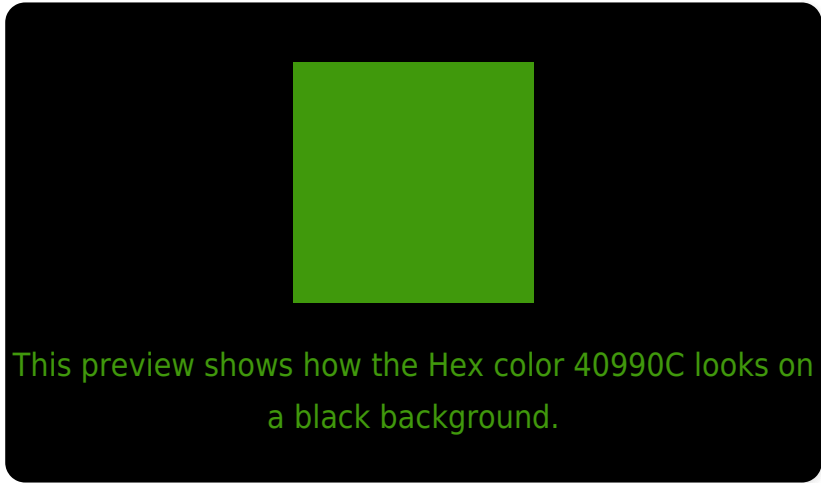
Large Text (above 18pt) WCAG AA ✓ Pass

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 40990C Background



This preview shows how black text looks on a background with the Hex color 40990C.



This preview shows how white text looks on a background with the Hex color 40990C.

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](#).

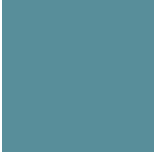
Dichromacy



Original Color
40990C

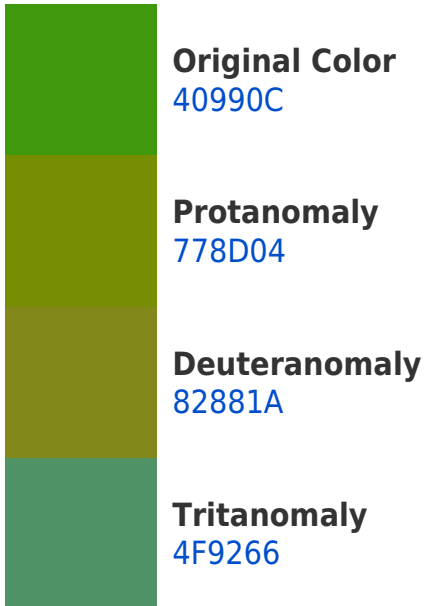
Protanopia
968600

Deuteranopia
A87F22



Tritanopia
588E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40990C 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 #40990C looks like.

```
.text, #text, p{  
    color:#40990C  
}
```

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 #40990C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40990C
}
```

Border

The CSS property to change the border of an element to Hex 40990C is called "border". The border property can be set on classes, ids or directly on the HTML element.

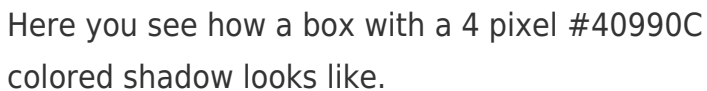
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40990C }
```

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

```
.border{ border-color:#40990C }
```

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



Here you see how a box with a 4 pixel #40990C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40990C; -webkit-box-shadow:4px 4px  
4px 4px #40990C; box-shadow:4px 4px 4px  
4px #40990C }
```

Background

The CSS property to change the background color of an element to Hex 40990C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40990C }
```

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

```
.background{ background-color:#40990C }
```

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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