

Converting Colors

Hex(12940C)

Have a look what the booklet for
Hex(12940C) contains.

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Color

Hex(12940C)

Conversions

Conversions Part 1

Format	Color
Hex	12940C
RGB	18, 148, 12
RGB Percent	7%, 58%, 5%
CMY	0.9294, 0.4196, 0.9529
CMYK	0.88, 0.00, 0.92, 0.42
HSL	117°, 85%, 31%
HSV	117°, 92%, 58%
XYZ	10.9057, 21.3350, 3.8911
YIQ	93.6260, -33.8240, -69.8560

Conversions

Conversions Part 2

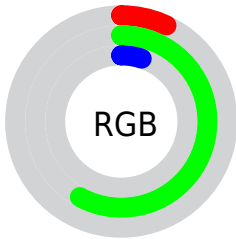
Format	Color
R_{YB}	12, 148, 142
Decimal	1217548
CIE _{Lab}	53.31, -55.80, 53.63
CIE _{LCh}	53, 77.397, 136.138
Yxy	21.3350, 0.3018, 0.5905
Android (android.graphics.Color)	4279407628 (0xFF12940C)
YUV	93.6260, -40.2416, -66.3240
Hunter-Lab	46.1898, -38.6870, 27.3382

Details

The Hex color **12940C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8E0C94**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5DCB49**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **079400**, and if you desaturate by 10%, it is **20941B**.

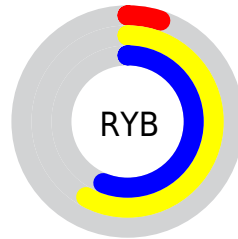
Distribution



Red (7%)

Green (58%)

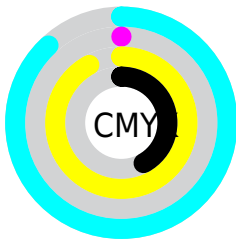
Blue (5%)



Red (5%)

Yellow (58%)

Blue (56%)

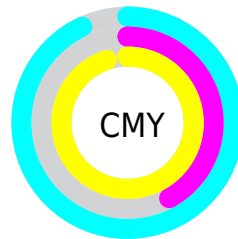


Cyan (88%)

Magenta (0%)

Yellow (92%)

Black (42%)



Cyan (93%)

Magenta (42%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12940C 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 12940C by changing the saturation by 10% instead.



12940C



12940C

FFFFFF



007900



5DCB49



006000



7AE864



004700



98FF7F



003000



B5FF9A



001400



D3FFB6



000000



F1FFD3



FFFFFF0



12940C



12940C

■ 079400

■ 20941B

■ 2E942A

■ 3C9438

■ 4B9447

■ 599456

■ 679465

■ 759474

■ 839482

■ 919491

Harmonies

Analogous

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



798700



12940C



009A5D

Triad

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



12940C



0090FF



F22A5F

Complementary

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



12940C



8E0C94

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.



E530A1



12940C



007BFF

Square

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



12940C



009ADF



AD5ADD



DE501D

Rectangle

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



12940C



009C8C



AD5ADD



F22375

Sweetspot

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



12940C



8CBF8A



948D0C



416140



E0E0E0



616161

Same Dimension

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



12940C



08BF00



0C9449



434A43



068A00



000A00

Inverse Universe

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



8E0C94



B700BF



940C57



4A434A



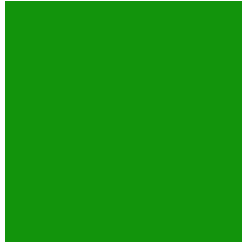
84008A



0A000A

Previews

White Background



This preview shows how the Hex color 12940C looks on a white background.

Color Contrast Check

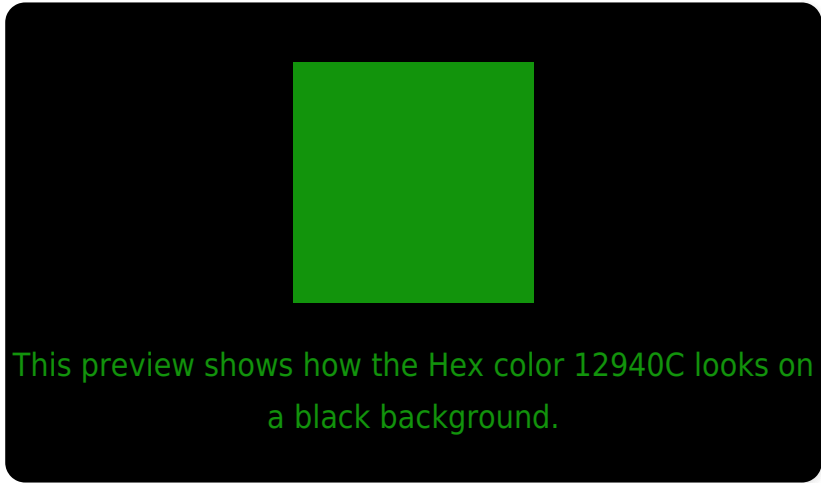
Large Text (above 18pt) WCAG AA ✓ Pass

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 12940C Background



This preview shows how black text looks on a background with the Hex color 12940C.



This preview shows how white text looks on a background with the Hex color 12940C.

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
12940C

Protanopia
8F7F00

Deuteranopia
9F7822



Tritanopia
408A95

Trichromacy



Original Color
12940C



Protanomaly
628704



Deuteranomaly
6C821A



Tritanomaly
2F8E63

Monochromacy



Original Color
12940C



Achromatopsia
5E5E5E



Achromatomaly
427240

CSS Examples

Text

The CSS property to change the color of the text to Hex 12940C 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 #12940C looks like.

```
.text, #text, p{  
    color:#12940C  
}
```

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 #12940C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12940C
}
```

Border

The CSS property to change the border of an element to Hex 12940C 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
#12940C }
```

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

```
.border{ border-color:#12940C }
```

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

Here you see how a box with a 4 pixel #12940C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12940C; -webkit-box-shadow:4px 4px  
4px 4px #12940C; box-shadow:4px 4px 4px  
4px #12940C }
```

Background

The CSS property to change the background color of an element to Hex 12940C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12940C }
```

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

```
.background{ background-color:#12940C }
```

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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