

Converting Colors

Hex(097420)

Have a look what the booklet for
Hex(097420) contains.

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Color

Hex(097420)

Conversions

Conversions Part 1

Format	Color
Hex	097420
RGB	9, 116, 32
RGB Percent	4%, 45%, 13%
CMY	0.9647, 0.5451, 0.8745
CMYK	0.92, 0.00, 0.72, 0.55
HSL	133°, 86%, 25%
HSV	133°, 92%, 45%
XYZ	6.6188, 12.6531, 3.4600
YIQ	74.4310, -36.8080, -48.8080

Conversions

Conversions Part 2

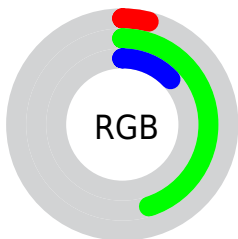
Format	Color
RYB	9, 97, 116
Decimal	619552
CIELab	42.24, -45.31, 37.06
CIELCh	42, 58.535, 140.720
Yxy	12.6531, 0.2912, 0.5566
Android (android.graphics.Color)	4278809632 (0xFF097420)
YUV	74.4310, -20.9185, -57.3830
Hunter-Lab	35.5713, -29.0361, 19.1328

Details

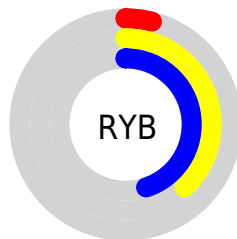
The Hex color **097420** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **74095D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4FA951**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **007419**, and if you desaturate by 10%, it is **157429**.

Distribution



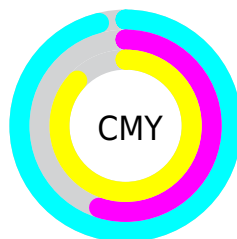
- Red (4%)
- Green (45%)
- Blue (13%)



- Red (4%)
- Yellow (38%)
- Blue (45%)



- Cyan (92%)
- Magenta (0%)
- Yellow (72%)
- Black (55%)



- Cyan (96%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 097420 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 097420 by changing the saturation by 10% instead.

 097420

 097420

FFFFFF

 005B04

 4FA951

 004200

 6BC56A

 002C00

 87E184

 000F00

 A3FE9F

 000000

 BFFFBA

 DDFFD7

 FAFFF3

 097420

 097420

■ 007419

■ 157429

■ 207432

■ 2C743B

■ 377444

■ 43744E

■ 4F7457

■ 5A7460

■ 667469

■ 717472

Harmonies

Analogous

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



596B00



097420



007853

Triad

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



097420



006EC4



B73045

Complementary

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



097420



74095D

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.



B12F75



097420



3D5DBF

Square

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



097420



0076AE



8E45A2



A64717

Rectangle

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



097420



007974



8E45A2



B82C55

Sweetspot

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



097420



6C9675



5F7409



324D38



CCCCCC



4D4D4D

Same Dimension

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



097420



009620



097454



353B36



007A1A



00FA36

Inverse Universe

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



74095D



960076



740929



3B3539



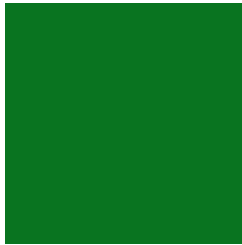
7A0060



FA00C4

Previews

White Background



This preview shows how the Hex color 097420 looks on a white background.

Color Contrast Check

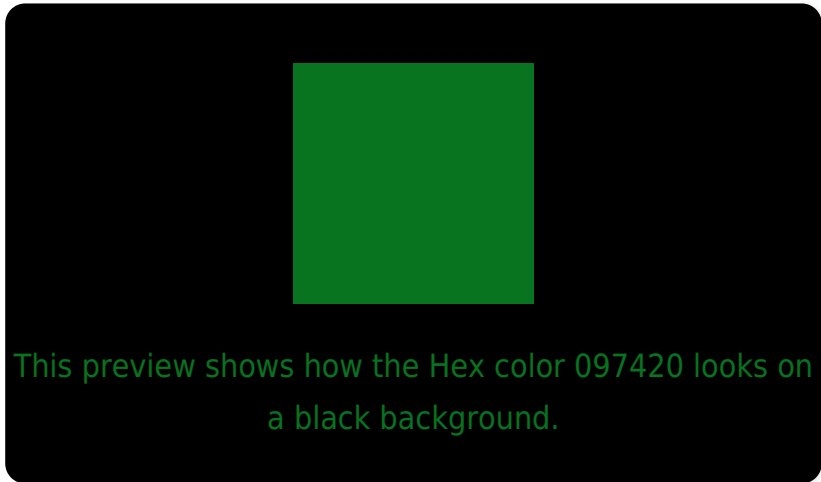
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 097420 Background



This preview shows how black text looks on a background with the Hex color 097420.

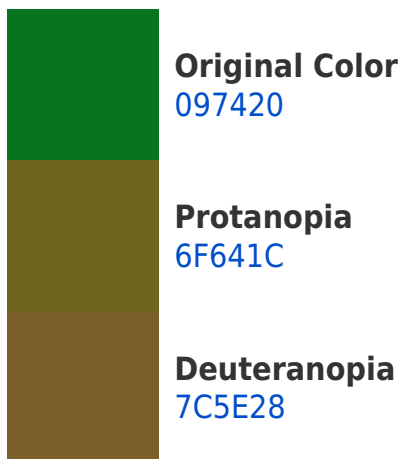


This preview shows how white text looks on a background with the Hex color 097420.

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
306C75

Trichromacy



Original Color
097420



Protanomaly
4A6A1D



Deuteranomaly
526625



Tritanomaly
226F56

Monochromacy



Original Color
097420



Achromatopsia
4A4A4A



Achromatomaly
32593B

CSS Examples

Text

The CSS property to change the color of the text to Hex 097420 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 #097420 looks like.

```
.text, #text, p{  
    color:#097420  
}
```

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 #097420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #097420
}
```

Border

The CSS property to change the border of an element to Hex 097420 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
#097420 }
```

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

```
.border{ border-color:#097420 }
```

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

Here you see how a box with a 4 pixel #097420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #097420; -webkit-box-shadow:4px 4px  
4px 4px #097420; box-shadow:4px 4px 4px  
4px #097420 }
```

Background

The CSS property to change the background color of an element to Hex 097420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#097420 }
```

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

```
.background{ background-color:#097420 }
```

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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