

Converting Colors

Hex(0A570F)

Have a look what the booklet for
Hex(0A570F) contains.

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Color

Hex(0A570F)

Conversions

Conversions Part 1

Format	Color
Hex	0A570F
RGB	10, 87, 15
RGB Percent	4%, 34%, 6%
CMY	0.9608, 0.6588, 0.9412
CMYK	0.89, 0.00, 0.83, 0.66
HSL	124°, 79%, 19%
HSV	124°, 89%, 34%
XYZ	3.6196, 6.9154, 1.5960
YIQ	55.7690, -22.7800, -38.7160

Conversions

Conversions Part 2

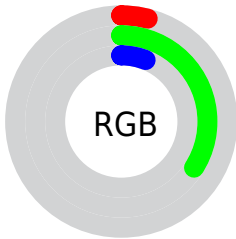
Format	Color
R_{YB}	10, 82, 87
Decimal	677647
CIE _{Lab}	31.61, -37.01, 33.15
CIE _{LCh}	32, 49.684, 138.153
Yxy	6.9154, 0.2984, 0.5701
Android (android.graphics.Color)	4278867727 (0xFF0A570F)
YUV	55.7690, -20.0991, -40.1394
Hunter-Lab	26.2972, -21.4510, 14.8097

Details

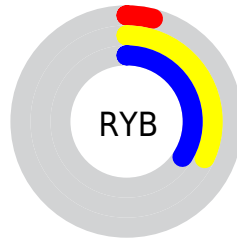
The Hex color **0A570F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **570A52**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **468A3F**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **015707**, and if you desaturate by 10%, it is **135717**.

Distribution



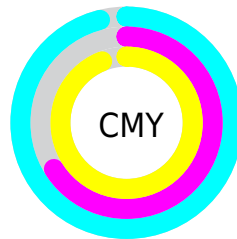
- Red (4%)
- Green (34%)
- Blue (6%)



- Red (4%)
- Yellow (32%)
- Blue (34%)



- Cyan (89%)
- Magenta (0%)
- Yellow (83%)
- Black (66%)



- Cyan (96%)
- Magenta (66%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A570F 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 0A570F by changing the saturation by 10% instead.

 0A570F

 0A570F

 FFFFFFFA

 003F00

 468A3F

 002900

 61A458

 000B00

 7CC071

 000000

 97DC8B

 B3F9A6

 CFFFC1

 ECFFDD

 0A570F

 0A570F

■ 015707

■ 135717

■ 005706

■ 1B571F

■ 245727

■ 2D5730

■ 355738

■ 3E5740

■ 475748

■ 505750

■ 585758

Harmonies

Analogous

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



455000



0A570F



005B39

Triad

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



0A570F



005497



8E1E35

Complementary

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



0A570F



570A52

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.



871F5C



0A570F



1C4795

Square

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



0A570F



005A84



69337F



81310F

Rectangle

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



0A570F



005B54



69337F



8E1B42

Sweetspot

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



0A570F



527054



53570A



263827



B8B8B8



383838

Same Dimension

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



0A570F



007007



0A5734



272B27



006B07



00EBOF

Inverse Universe

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



570A52



700069



570A2D



2B272B



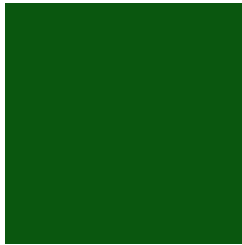
6B0064



EB00DB

Previews

White Background



This preview shows how the Hex color 0A570F looks on a white background.

Color Contrast Check

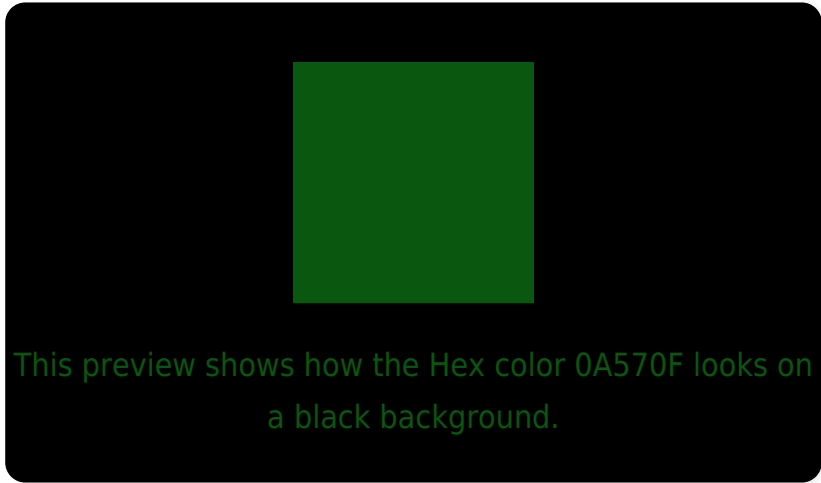
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

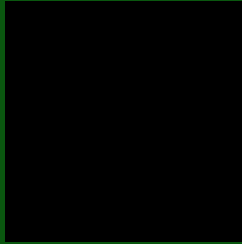
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0A570F Background



This preview shows how black text looks on a background with the Hex color 0A570F.



This preview shows how white text looks on a background with the Hex color 0A570F.

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
0A570F

Protanopia
544B0C

Deuteranopia
5D4718



Tritanopia
255158

Trichromacy



Original Color
0A570F

Protanomaly
394F0D

Deuteranomaly
3F4D15

Tritanomaly
1B533D

Monochromacy



Original Color
0A570F

Achromatopsia
383838

Achromatomaly
274329

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A570F 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 #0A570F looks like.

```
.text, #text, p{  
    color:#0A570F  
}
```

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 #0A570F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A570F
}
```

Border

The CSS property to change the border of an element to Hex 0A570F is called "border". The border property can be set on classes, ids or directly on the HTML element.

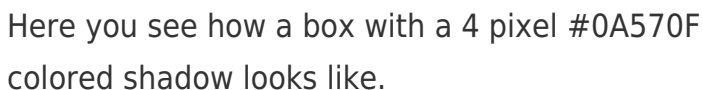
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A570F }
```

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

```
.border{ border-color:#0A570F }
```

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



Here you see how a box with a 4 pixel #0A570F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A570F; -webkit-box-shadow:4px 4px  
4px 4px #0A570F; box-shadow:4px 4px 4px  
4px #0A570F }
```

Background

The CSS property to change the background color of an element to Hex 0A570F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A570F }
```

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

```
.background{ background-color:#0A570F }
```

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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