

Converting Colors

Hex(468F0E)

Have a look what the booklet for
Hex(468F0E) contains.

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Color

Hex(468F0E)

Conversions

Conversions Part 1

Format	Color
Hex	468F0E
RGB	70, 143, 14
RGB Percent	27%, 56%, 5%
CMY	0.7255, 0.4392, 0.9451
CMYK	0.51, 0.00, 0.90, 0.44
HSL	94°, 82%, 31%
HSV	94°, 90%, 56%
XYZ	12.4275, 20.9787, 3.8098
YIQ	106.4670, -2.0990, -55.5950

Conversions

Conversions Part 2

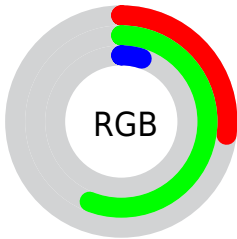
Format	Color
RYB	14, 143, 87
Decimal	4624142
CIELab	52.93, -43.32, 53.42
CIELCh	53, 68.779, 129.037
Yxy	20.9787, 0.3339, 0.5637
Android (android.graphics.Color)	4282814222 (0xFF468F0E)
YUV	106.4670, -45.5862, -31.9816
Hunter-Lab	45.8025, -31.7224, 27.1301

Details

The Hex color **468F0E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **570E8F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7EC54A**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **3E8F00**, and if you desaturate by 10%, it is **4E8F1C**.

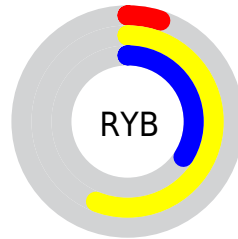
Distribution



Red (27%)

Green (56%)

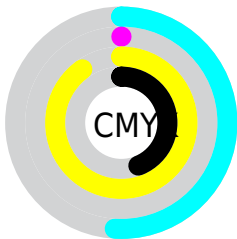
Blue (5%)



Red (5%)

Yellow (56%)

Blue (34%)

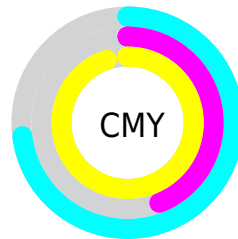


Cyan (51%)

Magenta (0%)

Yellow (90%)

Black (44%)



Cyan (73%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468F0E 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 468F0E by changing the saturation by 10% instead.



468F0E



468F0E

FFFFFF



287500



7EC54A



005C00



9AE264



004300



B6FF7F



002D00



D3FF9A



001200



F1FFB6



000000



FFFFD3



FFFFFF0



468F0E



468F0E

■ 3E8F00

■ 4E8F1C

■ 568F2B

■ 5E8F39

■ 668F47

■ 6E8F56

■ 778F64

■ 7F8F72

■ 878F80

■ 8F8F8F

Harmonies

Analogous

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



888200



468F0E



009651

Triad

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



468F0E



0090ED



E63A6F

Complementary

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



468F0E



570E8F

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.



D147AA



468F0E



0080F4

Square

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



468F0E



0097C8



9566DB



DB4F36

Rectangle

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



468F0E



00987B



9566DB



E33A83

Sweetspot

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



468F0E



9EBA88



8F550E



4D5E40



DEDEDE



5E5E5E

Same Dimension

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



468F0E



51BA00



0E8F14



434740



3B8700



030800

Inverse Universe

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



570E8F



6900BA



8F0E89



444047



4C0087



040008

Previews

White Background



This preview shows how the Hex color 468F0E looks on a white background.

Color Contrast Check

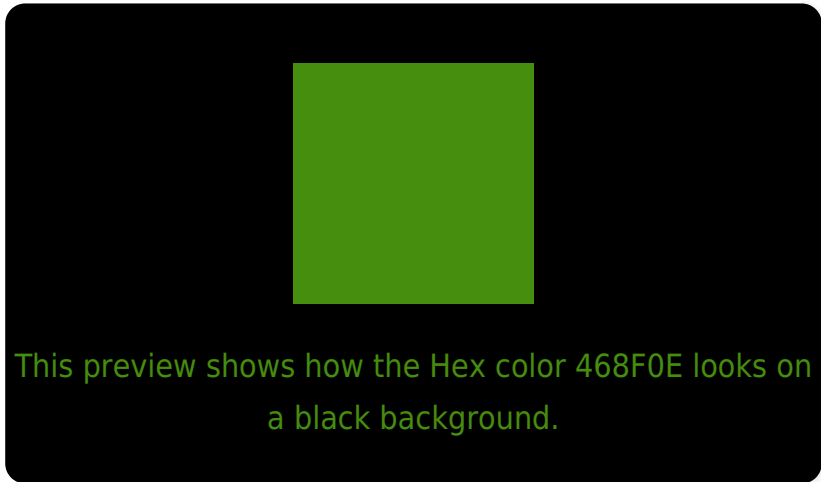
Large Text (above 18pt) WCAG AA ✓ Pass

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 468F0E Background



This preview shows how black text looks on a background with the Hex color 468F0E.



This preview shows how white text looks on a background with the Hex color 468F0E.

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
598590

Trichromacy



Original Color
468F0E



Protanomaly
748408



Deuteranomaly
7E8019



Tritanomaly
528961

Monochromacy



Original Color
468F0E



Achromatopsia
6A6A6A



Achromatomaly
5D7749

CSS Examples

Text

The CSS property to change the color of the text to Hex 468F0E 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 #468F0E looks like.

```
.text, #text, p{  
    color:#468F0E  
}
```

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 #468F0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468F0E
}
```

Border

The CSS property to change the border of an element to Hex 468F0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

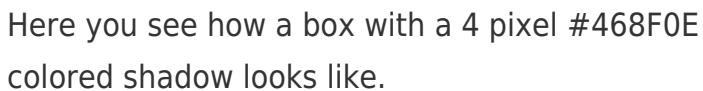
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#468F0E }
```

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

```
.border{ border-color:#468F0E }
```

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



Here you see how a box with a 4 pixel #468F0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468F0E; -webkit-box-shadow:4px 4px  
4px 4px #468F0E; box-shadow:4px 4px 4px  
4px #468F0E }
```

Background

The CSS property to change the background color of an element to Hex 468F0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468F0E }
```

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

```
.background{ background-color:#468F0E }
```

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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