

Converting Colors

Hex(468F36)

Have a look what the booklet for
Hex(468F36) contains.

Hex(468F36)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(468F36)

Conversions

Conversions Part 1

Format	Color
Hex	468F36
RGB	70, 143, 54
RGB Percent	27%, 56%, 21%
CMY	0.7255, 0.4392, 0.7882
CMYK	0.51, 0.00, 0.62, 0.44
HSL	109°, 45%, 39%
HSV	109°, 62%, 56%
XYZ	13.0141, 21.2134, 6.8987
YIQ	111.0270, -14.9390, -43.1550

Conversions

Conversions Part 2

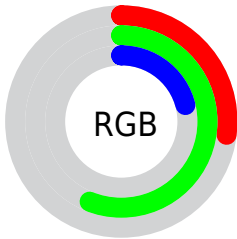
Format	Color
RYB	54, 143, 127
Decimal	4624182
CIELab	53.18, -40.49, 39.55
CIElCh	53, 56.600, 135.675
Yxy	21.2134, 0.3164, 0.5158
Android (android.graphics.Color)	4282814262 (0xFF468F36)
YUV	111.0270, -28.1143, -35.9807
Hunter-Lab	46.0580, -30.1646, 23.3599

Details

The Hex color **468F36** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7F368F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7CC568**, and **035C00** is the 20% darker color. If you saturate the color by 10%, you get **3A8F28**, and if you desaturate by 10%, it is **528F44**.

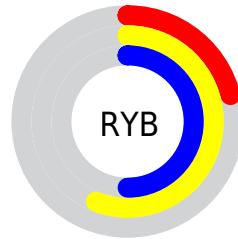
Distribution



Red (27%)

Green (56%)

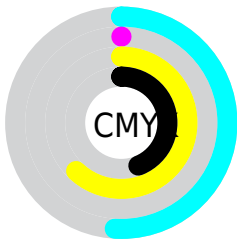
Blue (21%)



Red (21%)

Yellow (56%)

Blue (50%)

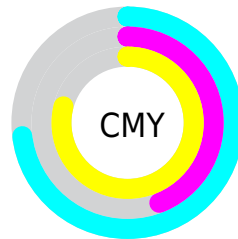


Cyan (51%)

Magenta (0%)

Yellow (62%)

Black (44%)



Cyan (73%)

Magenta (44%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468F36 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 468F36 by changing the saturation by 10% instead.



468F36



468F36

FFFFFF



2A751D



7CC568



035C00



98E282



004300



B4FF9D



002D00



D0FFB8



001300



EEFFD4



000000



FFFFFF1



468F36



468F36



3A8F28



528F44

 2F8F19

 5D8F53

 238F0B

 698F61

 1A8F00

 758F6F

 818F7E

 8C8F8C

 988F9A

 A48FA8

 B08FB7

Harmonies

Analogous

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



7F8411



468F36



009465

Triad

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



468F36



008BDD



D75068

Complementary

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



468F36



7F368F

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.



CB5398



468F36



4E7CDD

Square

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



468F36



0093C4



A267C4



CA603B

Rectangle

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



468F36



009687



A267C4



D64F78

Sweetspot

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



468F36



9DBA97



8F7F36



4D5E49



DEDEDE



5E5E5E

Same Dimension

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



468F36



48BA2F



368F52



424740



188700



010800

Inverse Universe

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



7F368F



A12FBA



8F3673



464047



6F0087



060008

Previews

White Background



This preview shows how the Hex color 468F36 looks on a white background.

Color Contrast Check

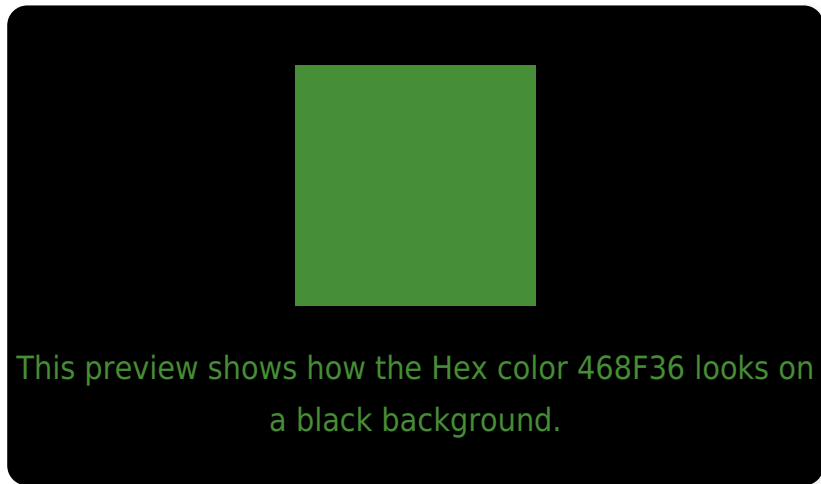
Large Text (above 18pt) WCAG AA ✓ Pass

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 468F36 Background



This preview shows how black text looks on a background with the Hex color 468F36.



This preview shows how white text looks on a background with the Hex color 468F36.

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
468F36

Protanopia
8D7F31

Deuteranopia
9C783D



Tritanopia
588691

Trichromacy



Original Color
468F36

Protanomaly
738533

Deuteranomaly
7D803A

Tritanomaly
518970

Monochromacy



Original Color
468F36

Achromatopsia
6F6F6F

Achromatomaly
607B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 468F36 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 #468F36 looks like.

```
.text, #text, p{  
    color:#468F36  
}
```

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 #468F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468F36
}
```

Border

The CSS property to change the border of an element to Hex 468F36 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".

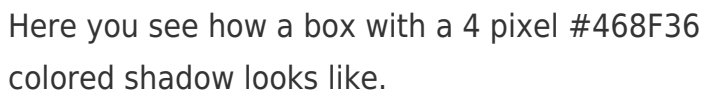
```
.border, #border, table{ border:4px solid
#468F36 }
```

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

```
.border{ border-color:#468F36 }
```

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

Here you see how a box with a 4 pixel #468F36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468F36; -webkit-box-shadow:4px 4px  
4px 4px #468F36; box-shadow:4px 4px 4px  
4px #468F36 }
```

Background

The CSS property to change the background color of an element to Hex 468F36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468F36 }
```

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

```
.background{ background-color:#468F36 }
```

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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