

Converting Colors

Hex(368C08)

Have a look what the booklet for
Hex(368C08) contains.

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Color

Hex(368C08)

Conversions

Conversions Part 1

Format	Color
Hex	368C08
RGB	54, 140, 8
RGB Percent	21%, 55%, 3%
CMY	0.7882, 0.4510, 0.9686
CMYK	0.61, 0.00, 0.94, 0.45
HSL	99°, 89%, 29%
HSV	99°, 94%, 55%
XYZ	10.9432, 19.5580, 3.4280
YIQ	99.2380, -8.8840, -59.2840

Conversions

Conversions Part 2

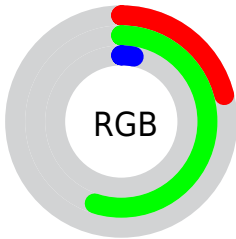
Format	Color
RYB	8, 140, 94
Decimal	3574792
CIELab	51.33, -46.99, 52.94
CIELCh	51, 70.786, 131.592
Yxy	19.5580, 0.3225, 0.5764
Android (android.graphics.Color)	4281764872 (0xFF368C08)
YUV	99.2380, -44.9803, -39.6737
Hunter-Lab	44.2244, -33.2232, 26.3612

Details

The Hex color **368C08** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5E088C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **70C246**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **318C00**, and if you desaturate by 10%, it is **3F8C16**.

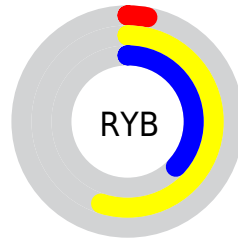
Distribution



 Red (21%)

 Green (55%)

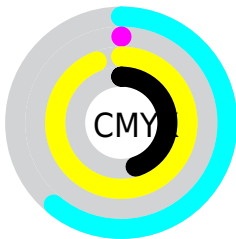
 Blue (3%)




 Red (3%)

 Yellow (55%)

 Blue (37%)

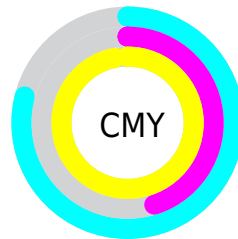


 Cyan (61%)


 Magenta (0%)

 Yellow (94%)

 Black (45%)



 Cyan (79%)

 Magenta (45%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 368C08 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 368C08 by changing the saturation by 10% instead.

 368C08

 368C08

FFFFFF

 107200

 70C246

 005900

 8CDF61

 004000

 A9FC7C

 002B00

 C6FF97

 000900

 E3FFB3

 000000

 FFFFCF

 FFFFEC

 368C08

 368C08

■ 318C00

■ 3F8C16

■ 488C24

■ 518C32

■ 5A8C40

■ 648C4E

■ 6D8C5C

■ 768C6A

■ 7F8C78

■ 888C86

Harmonies

Analogous

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



7F7F00



368C08



009351

Triad

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



368C08



008BEE



E43166

Complementary

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



368C08



5E088C

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.



D23CA2



368C08



007AF2

Square

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



368C08



0093CA



995ED6



D64B2C

Rectangle

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



368C08



00947C



995ED6



E22F7A

Sweetspot

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



368C08



94B582



8C5E08



475C3D



DBDBDB



5C5C5C

Same Dimension

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



368C08



3FB500



088C1C



40453E



2E8500



020500

Inverse Universe

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



5E088C



7600B5



8C0878



423E45



560085



030005

Previews

White Background



This preview shows how the Hex color 368C08 looks on a white background.

Color Contrast Check

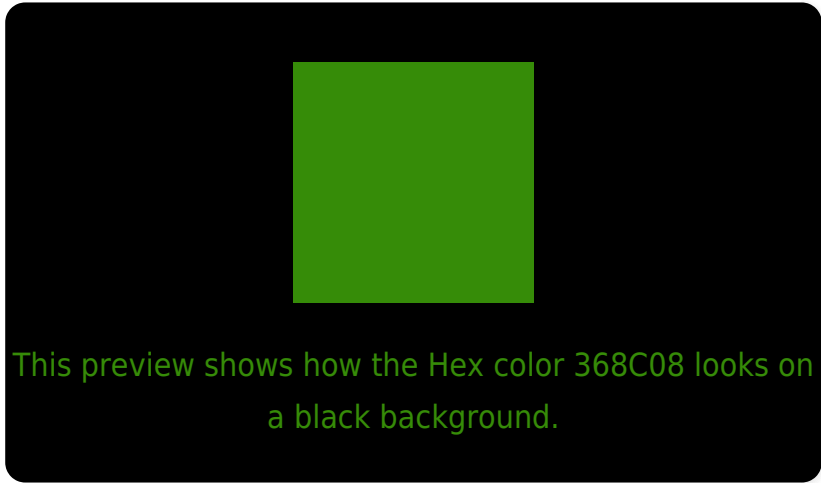
Large Text (above 18pt) WCAG AA ✓ Pass

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 368C08 Background



This preview shows how black text looks on a background with the Hex color 368C08.



This preview shows how white text looks on a background with the Hex color 368C08.

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
368C08

Protanopia
897A00

Deuteranopia
99731E



Tritanopia
4D828D

Trichromacy



Original Color
368C08



Protanomaly
6B8103



Deuteranomaly
757C16



Tritanomaly
45865D

Monochromacy



Original Color
368C08



Achromatopsia
636363



Achromatomaly
537242

CSS Examples

Text

The CSS property to change the color of the text to Hex 368C08 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 #368C08 looks like.

```
.text, #text, p{  
    color:#368C08  
}
```

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 #368C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368C08
}
```

Border

The CSS property to change the border of an element to Hex 368C08 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
#368C08 }
```

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

```
.border{ border-color:#368C08 }
```

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

Here you see how a box with a 4 pixel #368C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368C08; -webkit-box-shadow:4px 4px  
4px 4px #368C08; box-shadow:4px 4px 4px  
4px #368C08 }
```

Background

The CSS property to change the background color of an element to Hex 368C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368C08 }
```

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

```
.background{ background-color:#368C08 }
```

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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