

Converting Colors

Hex(368C10)

Have a look what the booklet for
Hex(368C10) contains.

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Color

Hex(368C10)

Conversions

Conversions Part 1

Format	Color
Hex	368C10
RGB	54, 140, 16
RGB Percent	21%, 55%, 6%
CMY	0.7882, 0.4510, 0.9373
CMYK	0.61, 0.00, 0.89, 0.45
HSL	102°, 79%, 31%
HSV	102°, 89%, 55%
XYZ	10.9929, 19.5778, 3.6897
YIQ	100.1500, -11.4520, -56.7960

Conversions

Conversions Part 2

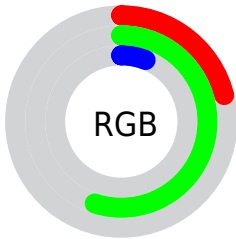
Format	Color
RYB	16, 140, 102
Decimal	3574800
CIELab	51.36, -46.72, 51.41
CIELCh	51, 69.469, 132.263
Yxy	19.5778, 0.3209, 0.5714
Android (android.graphics.Color)	4281764880 (0xFF368C10)
YUV	100.1500, -41.4859, -40.4735
Hunter-Lab	44.2469, -33.0845, 26.0286

Details

The Hex color **368C10** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **66108C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **70C24A**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **2C8C02**, and if you desaturate by 10%, it is **408C1E**.

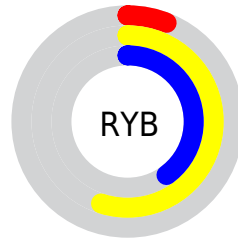
Distribution



Red (21%)

Green (55%)

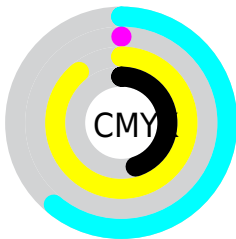
Blue (6%)



Red (6%)

Yellow (55%)

Blue (40%)

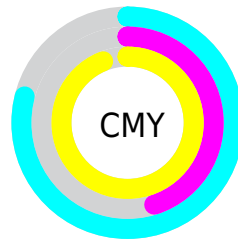


Cyan (61%)

Magenta (0%)

Yellow (89%)

Black (45%)



Cyan (79%)

Magenta (45%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 368C10 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 368C10 by changing the saturation by 10% instead.



368C10



368C10

FFFFFF



117200



70C24A



005900



8CDF64



004000



A8FC7F



002B00



C5FF9A



000900



E3FFB6



000000



FFFFD2



FFFFEF



368C10



368C10

■ 2C8C02

■ 408C1E

■ 2B8C00

■ 498C2C

■ 538C3A

■ 5D8C48

■ 678C56

■ 708C64

■ 7A8C72

■ 848C80

■ 8D8C8E

Harmonies

Analogous

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



7E7F00



368C10



009254

Triad

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



368C10



008BEC



E23465

Complementary

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



368C10



66108C

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.



D13EA0



368C10



007AF0

Square

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



368C10



0093C9



9A5ED3



D44D2C

Rectangle

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



368C10



00947D



9A5ED3



E03279

Sweetspot

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



368C10



93B584



8C6510



475C3E



DBDBDB



5C5C5C

Same Dimension

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



368C10



37B500



108C27



40453E



298500



020500

Inverse Universe

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



66108C



7E00B5



8C1075



433E45



5C0085



040005

Previews

White Background



This preview shows how the Hex color 368C10 looks on a white background.

Color Contrast Check

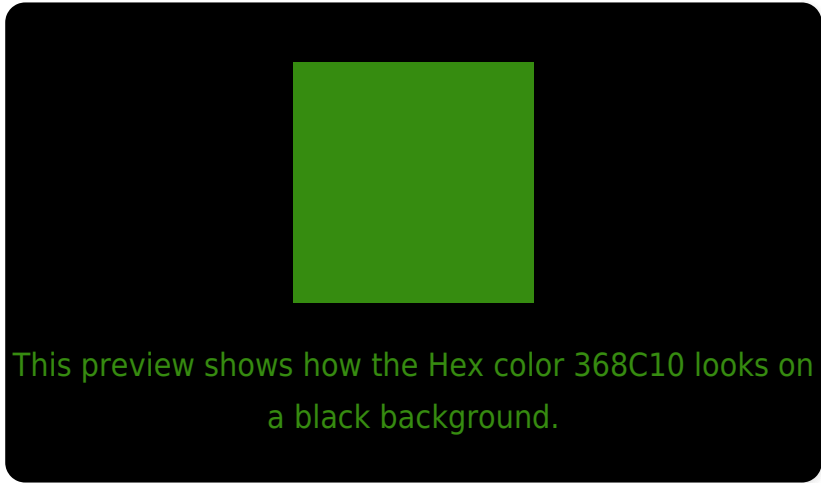
Large Text (above 18pt) WCAG AA ✓ Pass

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

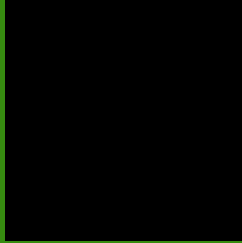
Any Text WCAG AA ✓ Pass

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 368C10 Background



This preview shows how black text looks on a background with the Hex color 368C10.



This preview shows how white text looks on a background with the Hex color 368C10.

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
368C10

Protanopia
897A09

Deuteranopia
997321



Tritanopia
4D828D

Trichromacy



Original Color
368C10

Protanomaly
6B810C

Deuteranomaly
757C1B

Tritanomaly
458660

Monochromacy



Original Color
368C10

Achromatopsia
646464

Achromatomaly
537345

CSS Examples

Text

The CSS property to change the color of the text to Hex 368C10 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 #368C10 looks like.

```
.text, #text, p{  
    color:#368C10  
}
```

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 #368C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368C10
}
```

Border

The CSS property to change the border of an element to Hex 368C10 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
#368C10 }
```

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

```
.border{ border-color:#368C10 }
```

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

Here you see how a box with a 4 pixel #368C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368C10; -webkit-box-shadow:4px 4px  
4px 4px #368C10; box-shadow:4px 4px 4px  
4px #368C10 }
```

Background

The CSS property to change the background color of an element to Hex 368C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368C10 }
```

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

```
.background{ background-color:#368C10 }
```

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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