

Converting Colors

Hex(368630)

Have a look what the booklet for
Hex(368630) contains.

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Color

Hex(368630)

Conversions

Conversions Part 1

Format	Color
Hex	368630
RGB	54, 134, 48
RGB Percent	21%, 53%, 19%
CMY	0.7882, 0.4745, 0.8118
CMYK	0.60, 0.00, 0.64, 0.47
HSL	116°, 47%, 36%
HSV	116°, 64%, 53%
XYZ	10.5799, 18.0479, 5.7223
YIQ	100.2760, -20.0740, -43.7060

Conversions

Conversions Part 2

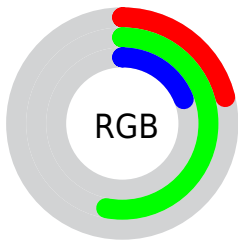
Format	Color
R_{YB}	48, 134, 128
Decimal	3573296
CIE _{Lab}	49.55, -42.04, 38.11
CIE _{LCh}	50, 56.743, 137.808
Yxy	18.0479, 0.3080, 0.5254
Android (android.graphics.Color)	4281763376 (0xFF368630)
YUV	100.2760, -25.7721, -40.5841
Hunter-Lab	42.4828, -29.8912, 21.7518

Details

The Hex color **368630** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **803086**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6DBC62**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **2A8623**, and if you desaturate by 10%, it is **42863D**.

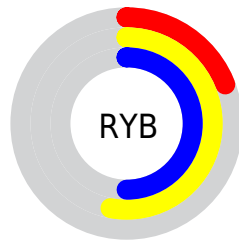
Distribution



Red (21%)

Green (53%)

Blue (19%)



Red (19%)

Yellow (53%)

Blue (50%)

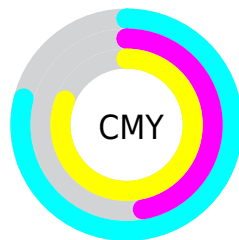


Cyan (60%)

Magenta (0%)

Yellow (64%)

Black (47%)



Cyan (79%)

Magenta (47%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 368630 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 368630 by changing the saturation by 10% instead.

 368630

 368630

FFFFFF

 156C17

 6DBC62

 005300

 89D87B

 003B00

 A5F596

 002700

 C1FFB1

 000000

 DEFFCD

 FBF9E9

 368630

 368630

 2A8623

 42863D

■ 1D8615

■ 4F864B

■ 118608

■ 5B8658

■ 098600

■ 688666

■ 748673

■ 818680

■ 8D868E

■ 9A869B

■ A686A9

Harmonies

Analogous

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



727C02



368630



008B60

Triad

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



368630



0081D4



CC475B

Complementary

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



368630



803086

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.



C2488C



368630



4B71D2

Square

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



368630



0089BC



9C5CB7



BD582F

Rectangle

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



368630



008C81



9C5CB7



CC456B

Sweetspot

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



368630



8FAD8C



867F30



445743



D6D6D6



575757

Same Dimension

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



368630



31AD28



308654



3C423C



098200



000300

Inverse Universe

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



803086



A428AD



863062



423C42



790082



020003

Previews

White Background



This preview shows how the Hex color 368630 looks on a white background.

Color Contrast Check

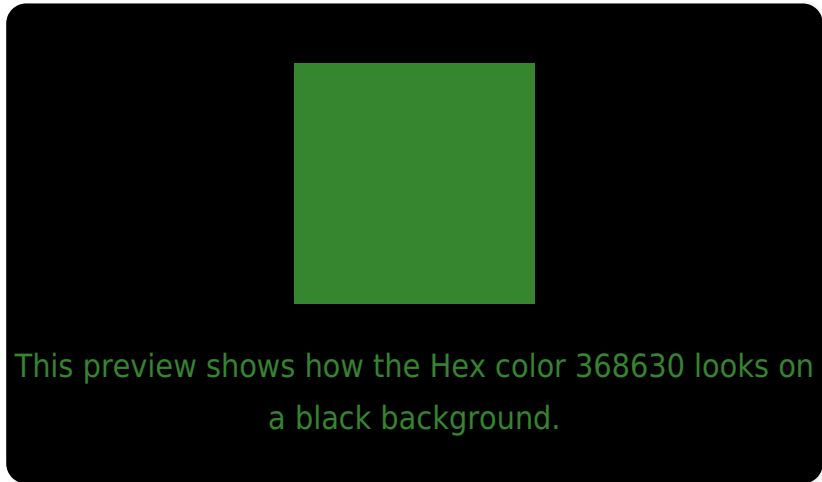
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

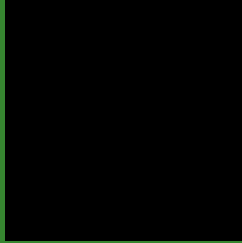
Any Text WCAG AA ✓ Pass

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 368630 Background



This preview shows how black text looks on a background with the Hex color 368630.



This preview shows how white text looks on a background with the Hex color 368630.

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
368630

Protanopia
83752B

Deuteranopia
916F37



Tritanopia
4A7D88

Trichromacy



Original Color
368630

Protanomaly
677B2D

Deuteranomaly
707734

Tritanomaly
438068

Monochromacy



Original Color
368630

Achromatopsia
646464

Achromatomaly
537051

CSS Examples

Text

The CSS property to change the color of the text to Hex 368630 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 #368630 looks like.

```
.text, #text, p{  
    color:#368630  
}
```

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 #368630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368630
}
```

Border

The CSS property to change the border of an element to Hex 368630 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
#368630 }
```

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

```
.border{ border-color:#368630 }
```

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

Here you see how a box with a 4 pixel #368630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368630; -webkit-box-shadow:4px 4px  
4px 4px #368630; box-shadow:4px 4px 4px  
4px #368630 }
```

Background

The CSS property to change the background color of an element to Hex 368630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368630 }
```

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

```
.background{ background-color:#368630 }
```

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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