

Converting Colors

Hex(368648)

Have a look what the booklet for
Hex(368648) contains.

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Color

Hex(368648)

Conversions

Conversions Part 1

Format	Color
Hex	368648
RGB	54, 134, 72
RGB Percent	21%, 53%, 28%
CMY	0.7882, 0.4745, 0.7176
CMYK	0.60, 0.00, 0.46, 0.47
HSL	134°, 43%, 37%
HSV	134°, 60%, 53%
XYZ	11.2161, 18.3023, 9.0724
YIQ	103.0120, -27.7780, -36.2420

Conversions

Conversions Part 2

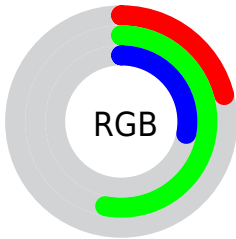
Format	Color
RYB	54, 119, 134
Decimal	3573320
CIELab	49.86, -38.64, 26.20
CIELCh	50, 46.680, 145.859
Yxy	18.3023, 0.2906, 0.4743
Android (android.graphics.Color)	4281763400 (0xFF368648)
YUV	103.0120, -15.2889, -42.9835
Hunter-Lab	42.7812, -28.0692, 17.3735

Details

The Hex color **368648** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **863674**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6CBC79**, and **00531A** is the 20% darker color. If you saturate the color by 10%, you get **29863E**, and if you desaturate by 10%, it is **438652**.

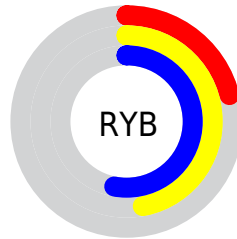
Distribution



Red (21%)

Green (53%)

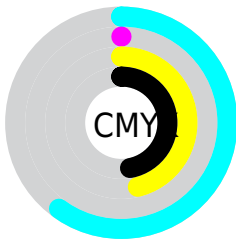
Blue (28%)



Red (21%)

Yellow (47%)

Blue (53%)

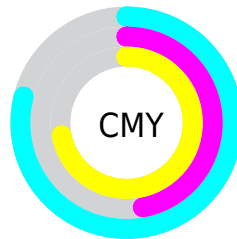


Cyan (60%)

Magenta (0%)

Yellow (46%)

Black (47%)



Cyan (79%)

Magenta (47%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 368648 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 368648 by changing the saturation by 10% instead.

 368648

 368648

FFFFFF

 176C31

 6CBC79

 00531A

 88D894

 003B02

 A3F5AE

 002700

 BFFPCA

 000000

 DCFFE6

 F9FFFF

 368648

 368648

 29863E

 438652

■ 1B8633

■ 51865D

■ 0E8629

■ 5E8667

■ 00861E

■ 6C8672

■ 79867C

■ 868686

■ 948691

■ A1869B

■ AF86A5

Harmonies

Analogous

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



6A7F2A



368648



008A70

Triad

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



368648



007DC6



BE5656

Complementary

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



368648



863674

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.



BB537E



368648



6E6EBE

Square

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



368648



0086B8



A25EA4



AE6335

Rectangle

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



368648



008A8B



A25EA4



C05363

Sweetspot

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



368648



8EAD95



758636



445748



D6D6D6



575757

Same Dimension

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



368648



31AD4D



36866F



3C423D



00821D



000301

Inverse Universe

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



863674



AD3191



86364D



423C41



820065



030002

Previews

White Background



This preview shows how the Hex color 368648 looks on a white background.

Color Contrast Check

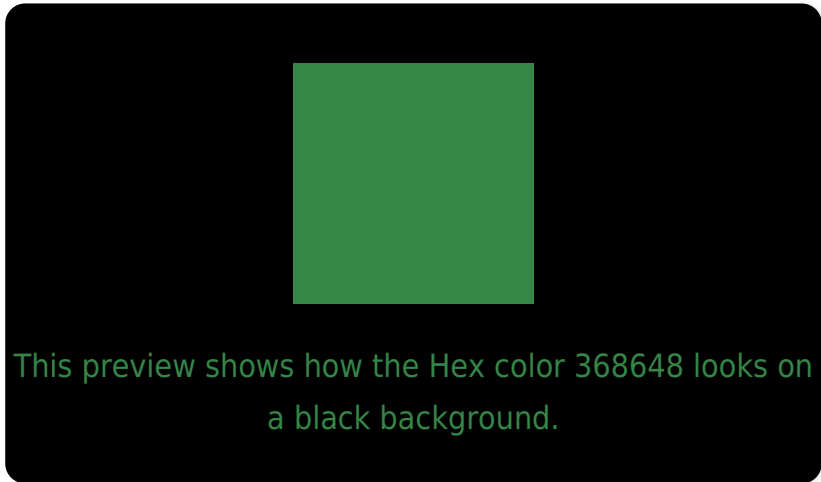
Large Text (above 18pt) WCAG AA ✓ Pass

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

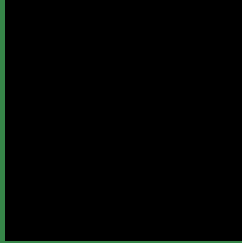
Any Text WCAG AA ✓ Pass

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 368648 Background



This preview shows how black text looks on a background with the Hex color 368648.

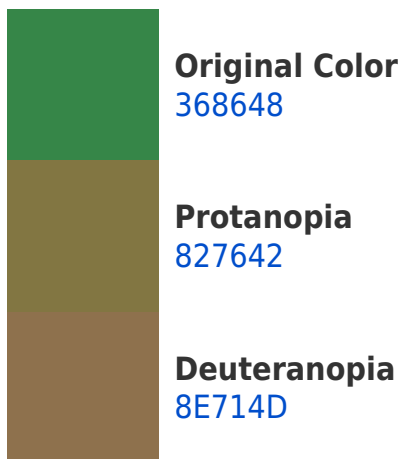


This preview shows how white text looks on a background with the Hex color 368648.

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](#).

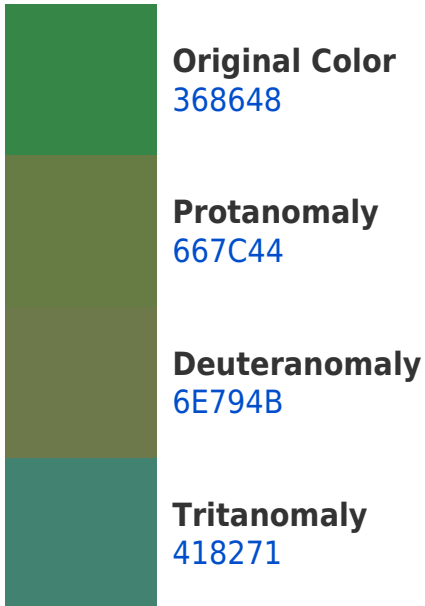
Dichromacy





Tritanopia
487F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 368648 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 #368648 looks like.

```
.text, #text, p{  
    color:#368648  
}
```

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 #368648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368648
}
```

Border

The CSS property to change the border of an element to Hex 368648 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
#368648 }
```

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

```
.border{ border-color:#368648 }
```

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

Here you see how a box with a 4 pixel #368648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368648; -webkit-box-shadow:4px 4px  
4px 4px #368648; box-shadow:4px 4px 4px  
4px #368648 }
```

Background

The CSS property to change the background color of an element to Hex 368648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368648 }
```

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

```
.background{ background-color:#368648 }
```

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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