

# Converting Colors

Hex(368B71)

Have a look what the booklet for  
Hex(368B71) contains.

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# Color

**Hex(368B71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	368B71
RGB	54, 139, 113
RGB Percent	21%, 55%, 44%
CMY	0.7882, 0.4549, 0.5569
CMYK	0.61, 0.00, 0.19, 0.45
HSL	162°, 44%, 38%
HSV	162°, 61%, 55%
XYZ	13.7346, 20.4418, 18.8446
YIQ	110.6210, -42.3140, -26.1060

# Conversions

## Conversions Part 2

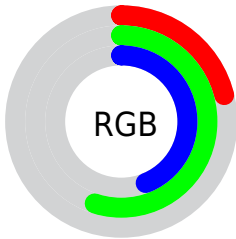
Format	Color
<b>RYB</b>	54, 104, 139
Decimal	3574641
CIELab	52.33, -32.16, 6.36
CIELCh	52, 32.783, 168.815
Yxy	20.4418, 0.2590, 0.3855
Android (android.graphics.Color)	4281764721 (0xFF368B71)
YUV	110.6210, 1.1728, -49.6566
Hunter-Lab	45.2126, -24.8976, 6.9368

# Details

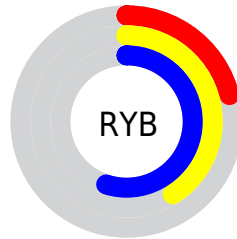
The Hex color **368B71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B3650**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6DC1A5**, and **005841** is the 20% darker color. If you saturate the color by 10%, you get **288B6D**, and if you desaturate by 10%, it is **448B75**.

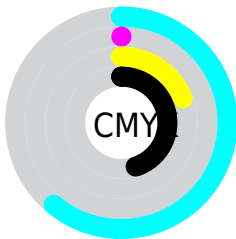
# Distribution



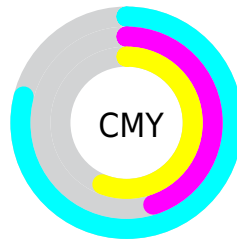
- Red (21%)
- Green (55%)
- Blue (44%)



- Red (21%)
- Yellow (41%)
- Blue (55%)



- Cyan (61%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (79%)
- Magenta (45%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 368B71 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 368B71 by changing the saturation by 10% instead.





368B71



368B71

FFFFFF



157159



6DC1A5



005841



89DDC0



00402B



A5FADC



002A17



C1FFF8



000F00



DEFFFF



000000



FBFFFF



368B71



368B71



288B6D



448B75

 1A8B68

 528B7A

 0C8B64

 608B7E

 008B60

 6E8B82

 7B8B86

 898B8B

 978B8F

 A58B93

 B38B97

# Harmonies

## Analogous

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



5D8757



368B71



008C8E

# Triad

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



368B71



7079B2



AB6E54

# Complementary

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



368B71



8B3650

# 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.



B3676C



368B71



966FA2

# Square

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



368B71



3D83B4



AC6889



987845

# Rectangle

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



368B71



008A9F



AC6889



AF6B5B



# Sweetspot

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



368B71



94B5AB



518B36



485C56



DBDBDB



5C5C5C



# Same Dimension

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



368B71



31B58D



367B8B



3E4543



00855C



000504



# Inverse Universe

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



8B3650



B53159



8B4636



453E40



850029



050002



# Previews

## White Background



This preview shows how the Hex color 368B71 looks on a white background.

## Color Contrast Check

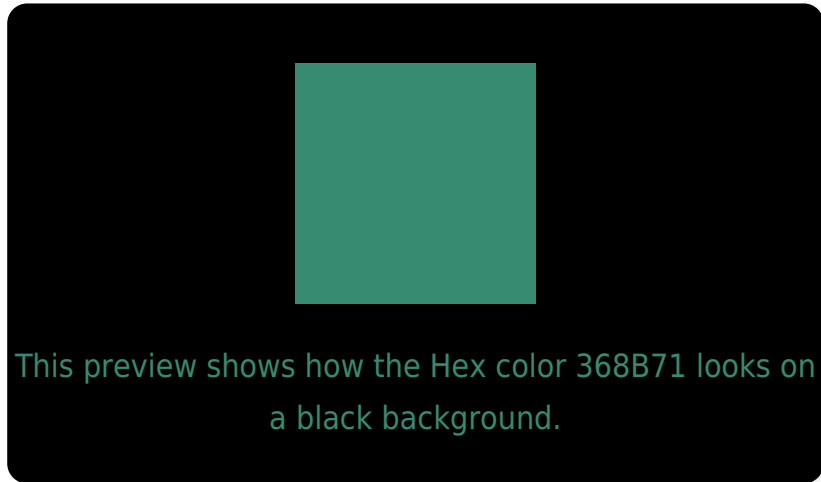
Large Text (above 18pt) WCAG AA ✓ Pass

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 368B71 Background



This preview shows how black text looks on a background with the Hex color 368B71.

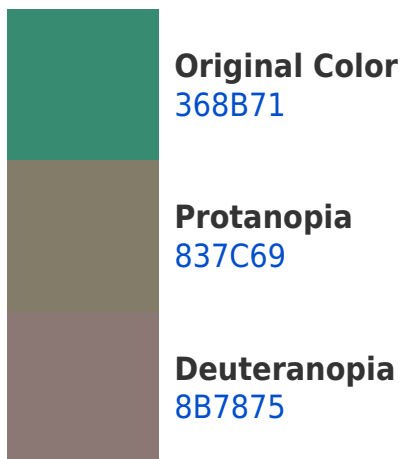


This preview shows how white text looks on a background with the Hex color 368B71.

# 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**  
428791

# Trichromacy



**Original Color**  
368B71

**Protanomaly**  
67816C

**Deuteranomaly**  
6C7F74

**Tritanomaly**  
3E8885

# Monochromacy



**Original Color**  
368B71

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
5A7970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 368B71 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 #368B71 looks like.

```
.text, #text, p{  
    color:#368B71  
}
```

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 #368B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368B71  
}
```

## Border

The CSS property to change the border of an element to Hex 368B71 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  
#368B71 }
```

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

```
.border{ border-color:#368B71 }
```

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

Here you see how a box with a 4 pixel #368B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368B71; -webkit-box-shadow:4px 4px  
4px 4px #368B71; box-shadow:4px 4px 4px  
4px #368B71 }
```

# Background

The CSS property to change the background color of an element to Hex 368B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368B71 }
```

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

```
.background{ background-color:#368B71 }
```

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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