

# Converting Colors

Hex(368794)

Have a look what the booklet for  
Hex(368794) contains.

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# Color

Hex(368794)

# Conversions

## Conversions Part 1

Format	Color
Hex	368794
RGB	54, 135, 148
RGB Percent	21%, 53%, 58%
CMY	0.7882, 0.4706, 0.4196
CMYK	0.64, 0.09, 0.00, 0.42
HSL	188°, 47%, 40%
HSV	188°, 64%, 58%
XYZ	15.5306, 20.2503, 31.1071
YIQ	112.2630, -52.4490, -13.1290

# Conversions

## Conversions Part 2

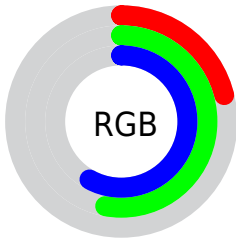
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 98, 148
Decimal	3573652
CIELab	52.12, -20.27, -14.28
CIELCh	52, 24.790, 215.163
Yxy	20.2503, 0.2322, 0.3027
Android (android.graphics.Color)	4281763732 (0xFF368794)
YUV	112.2630, 17.6183, -51.0967
Hunter-Lab	45.0004, -17.1465, -9.4848




# Details

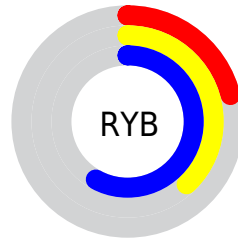
The Hex color **368794** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **944336**, and the grayscale version is **707070**.




A 20% lighter version of the original color is **6FBCCA**, and **005561** is the 20% darker color. If you saturate the color by 10%, you get **278594**, and if you desaturate by 10%, it is **458994**.

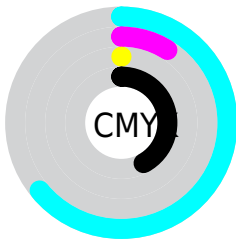
# Distribution







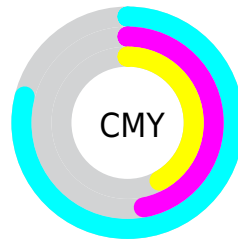
-  Red (21%)
-  Green (53%)
-  Blue (58%)






-  Red (21%)
-  Yellow (38%)
-  Blue (58%)



-  Cyan (64%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (79%)
-  Magenta (47%)
-  Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 368794 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 368794 by changing the saturation by 10% instead.



■ 368794

■ 368794

FFFFFF

■ 116E7A

■ 6FBCCA

■ 005561

■ 8BD8E6

■ 003E4A

■ A8F5FF

■ 002733

■ C4FFFF

■ 000F1E

■ E1FFFF

■ 000002

■ 000000

■ 368794

■ 368794

■ 278594

■ 458994

188394

548B94

0A8194

628D94

008094

718F94

809194

8F9394

9E9594

AC9794

BB9994

# Harmonies

## Analogous

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



40887F



368794



4783A2

# Triad

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



368794



9A6F8F



877C52

# Complementary

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



368794



944336

# 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.



9A7556



368794



A66C79

# Square

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



368794



84769F



A56F65



708259

# Rectangle

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



368794



5B7FA6



A56F65



8E7A52



# Sweetspot

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



368794



9BBABF



369443



4B5E61



E0E0E0



616161



# Same Dimension

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



368794



2EABBF



365894



43494A



00778A



00090A



# Inverse Universe

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



943687



BF2EAB



947236



4A4349



8A0077



0A0009



# Previews

## White Background



This preview shows how the Hex color 368794 looks on a white background.

## Color Contrast Check

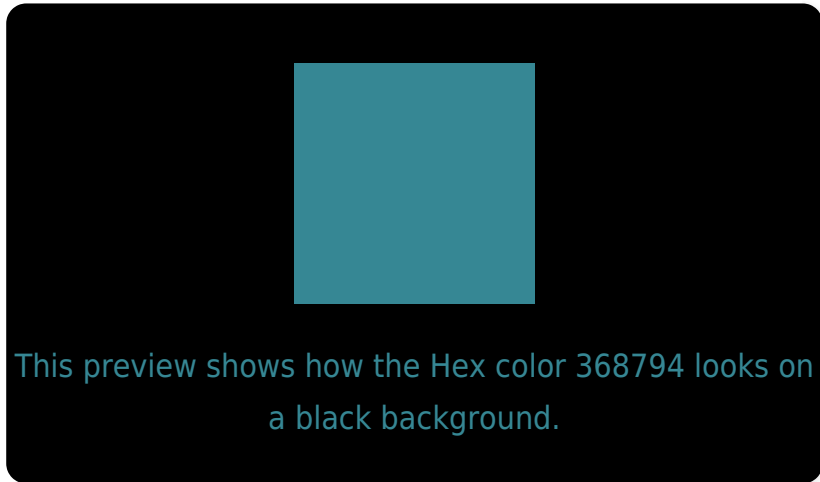
Large Text (above 18pt) WCAG AA ✓ Pass

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

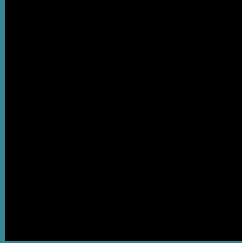
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 368794 Background



This preview shows how black text looks on a background with the Hex color 368794.

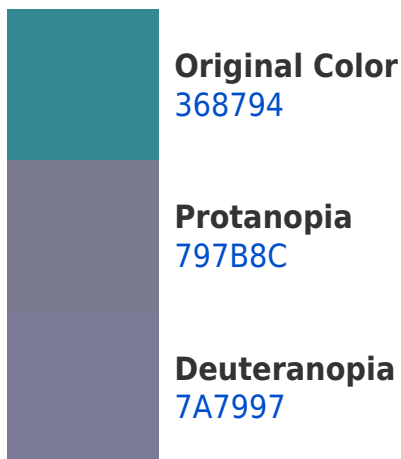


This preview shows how white text looks on a background with the Hex color 368794.

# 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](#).

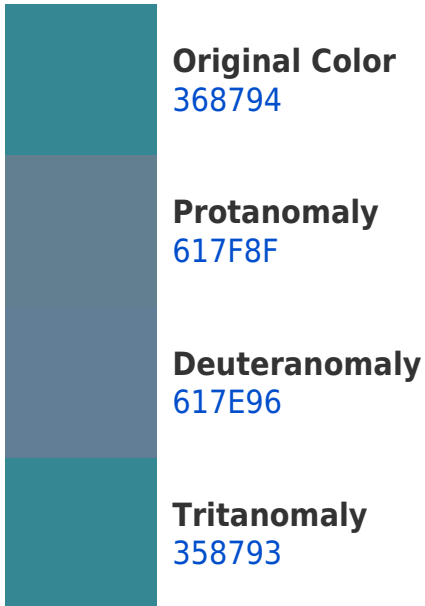
## Dichromacy





**Tritanopia**  
358792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 368794 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 #368794 looks like.

```
.text, #text, p{  
    color:#368794  
}
```

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 #368794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368794
}
```

## Border

The CSS property to change the border of an element to Hex 368794 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
#368794 }
```

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

```
.border{ border-color:#368794 }
```

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

Here you see how a box with a 4 pixel #368794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368794; -webkit-box-shadow:4px 4px  
4px 4px #368794; box-shadow:4px 4px 4px  
4px #368794 }
```

# Background

The CSS property to change the background color of an element to Hex 368794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368794 }
```

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

```
.background{ background-color:#368794 }
```

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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