

# Converting Colors

Hex(367A99)

Have a look what the booklet for  
Hex(367A99) contains.

|                                                |    |
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# Color

**Hex(367A99)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 367A99                      |
| RGB         | 54, 122, 153                |
| RGB Percent | 21%, 48%, 60%               |
| CMY         | 0.7882, 0.5216, 0.4000      |
| CMYK        | 0.65, 0.20, 0.00, 0.40      |
| HSL         | 199°, 48%, 41%              |
| HSV         | 199°, 65%, 60%              |
| XYZ         | 14.2306, 17.0032, 32.6689   |
| YIQ         | 105.2020, -50.4790, -4.7750 |

# Conversions

## Conversions Part 2

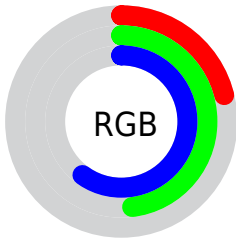
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 54, 94, 153                    |
| Decimal                             | 3570329                        |
| CIELab                              | 48.26, -11.50, -23.09          |
| CIELCh                              | 48, 25.797, 243.526            |
| Yxy                                 | 17.0032, 0.2227,<br>0.2661     |
| Android<br>(android.graphics.Color) | 4281760409<br>(0xFF367A99)     |
| YUV                                 | 105.2020, 23.5644,<br>-44.9042 |
| Hunter-Lab                          | 41.2350, -10.5590,<br>-18.1087 |

# Details

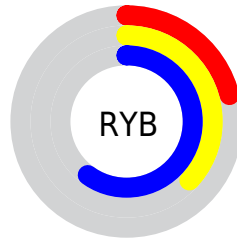
The Hex color **367A99** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **995536**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6FAECF**, and **004966** is the 20% darker color. If you saturate the color by 10%, you get **277599**, and if you desaturate by 10%, it is **457F99**.

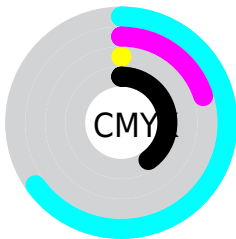
# Distribution



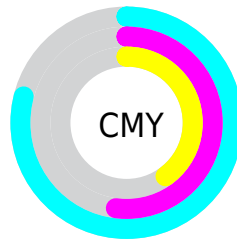
- Red (21%)
- Green (48%)
- Blue (60%)



- Red (21%)
- Yellow (37%)
- Blue (60%)



- Cyan (65%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (79%)
- Magenta (52%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 367A99 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 367A99 by changing the saturation by 10% instead.



 367A99

 367A99

FFFFFF

 12617F

 6FAECF

 004966

 8BCAEC

 00334E

 A7E6FF

 001E37

 C4FFFF

 000221

 E1FFFF

 000007

FEFFFF

 000000

 367A99

 367A99

 277599

 457F99

■ 177099

■ 558499

■ 086C99

■ 648899

■ 006999

■ 738D99

■ 839299

■ 929799

■ A19C99

■ B0A099

■ C0A599

# Harmonies

## Analogous

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



237E8A



367A99



58749E

# Triad

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



367A99



9C6271



68784E

# Complementary

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



367A99



995536

# 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.



7F7247



367A99



9C645C

# Square

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



367A99



906586



916B4C



4E7D5E

# Rectangle

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



367A99



6F6F9A



916B4C



70774A



# Sweetspot

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



367A99



A1BBC7



369954



4D5C63



E3E3E3



636363



# Same Dimension

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



367A99



2C96C7



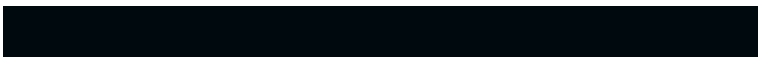
364A99



454A4D



00608C



00090D



# Inverse Universe

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



99367A



C72C96



998536



4D454A



8C0060



0D0009



# Previews

## White Background



This preview shows how the Hex color 367A99 looks on a white background.

## Color Contrast Check

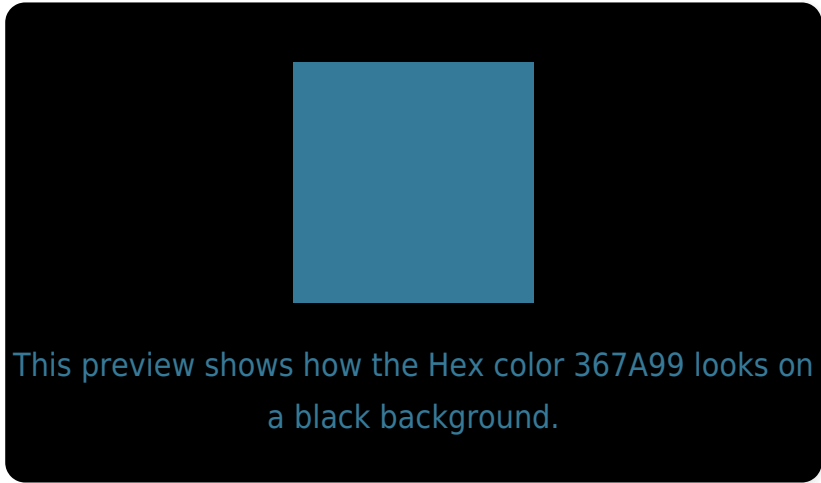
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

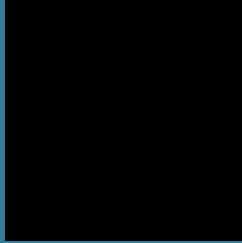
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 367A99 Background



This preview shows how black text looks on a background with the Hex color 367A99.

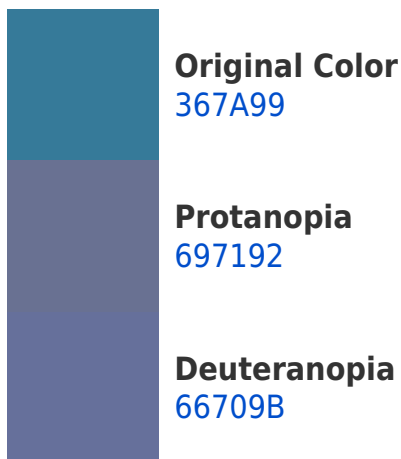


This preview shows how white text looks on a background with the Hex color 367A99.

# 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](#).

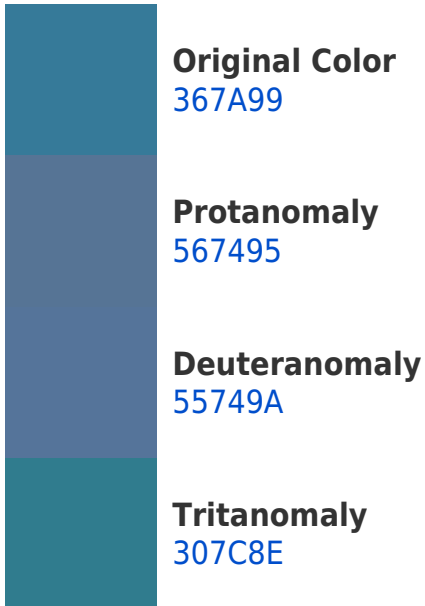
## Dichromacy



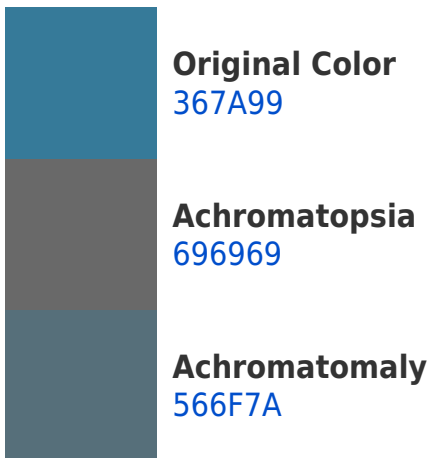


**Tritanopia**  
2D7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 367A99 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 #367A99 looks like.

```
.text, #text, p{  
    color:#367A99  
}
```

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 #367A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #367A99
}
```

## Border

The CSS property to change the border of an element to Hex 367A99 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
#367A99 }
```

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

```
.border{ border-color:#367A99 }
```

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

Here you see how a box with a 4 pixel #367A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #367A99; -webkit-box-shadow:4px 4px  
4px 4px #367A99; box-shadow:4px 4px 4px  
4px #367A99 }
```

# Background

The CSS property to change the background color of an element to Hex 367A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#367A99 }
```

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

```
.background{ background-color:#367A99 }
```

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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