

# Converting Colors

Hex(337A96)

Have a look what the booklet for  
Hex(337A96) contains.

<b>Hex(337A96)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(337A96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	337A96
RGB	51, 122, 150
RGB Percent	20%, 48%, 59%
CMY	0.8000, 0.5216, 0.4118
CMYK	0.66, 0.19, 0.00, 0.41
HSL	197°, 49%, 39%
HSV	197°, 66%, 59%
XYZ	13.8298, 16.8249, 31.3728
YIQ	103.9630, -51.3040, -6.3440

# Conversions

## Conversions Part 2

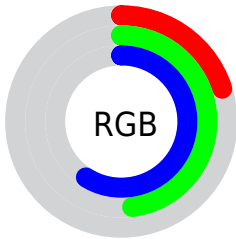
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 92, 150
Decimal	3373718
CIELab	48.04, -13.04, -21.69
CIELCh	48, 25.307, 238.972
Yxy	16.8249, 0.2230, 0.2712
Android (android.graphics.Color)	4281563798 (0xFF337A96)
YUV	103.9630, 22.6962, -46.4486
Hunter-Lab	41.0181, -11.5982, -16.6353

# Details

The Hex color **337A96** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **964F33**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6CAECC**, and **004963** is the 20% darker color. If you saturate the color by 10%, you get **247696**, and if you desaturate by 10%, it is **427E96**.

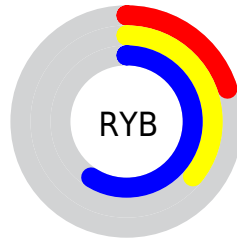
# Distribution



Red (20%)

Green (48%)

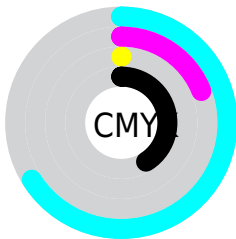
Blue (59%)



Red (20%)

Yellow (36%)

Blue (59%)

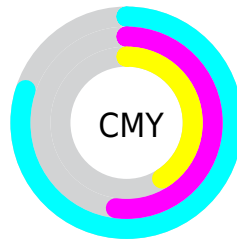


Cyan (66%)

Magenta (19%)

Yellow (0%)

Black (41%)



Cyan (80%)

Magenta (52%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 337A96 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 337A96 by changing the saturation by 10% instead.



■ 337A96

■ 337A96

FFFFFF

■ 0C617C

■ 6CAECC

■ 004963

■ 88CAE8

■ 00334B

■ A4E6FF

■ 001E34

■ C1FFFF

■ 00021F

■ DEFFFF

■ 000003

■ FCFFFF

■ 000000

■ 337A96

■ 337A96

■ 247696

■ 427E96

■ 157296

■ 518296

■ 066D96

■ 608796

■ 006C96

■ 6F8B96

■ 7E8F96

■ 8D9396

■ 9C9896

■ AB9C96

■ BAA096

# Harmonies

## Analogous

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



267D86



337A96



53749C

# Triad

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



337A96



9A6274



6B774C

# Complementary

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



337A96



964F33

# 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.



817047



337A96



9C635E

# Square

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



337A96



8C6688



92694E



527B5B

# Rectangle

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



337A96



6A6F9A



92694E



737549



# Sweetspot

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



337A96



9BB7C2



33964D



4A5A61



E0E0E0



616161



# Same Dimension

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



337A96



2996C2



334A96



43484A



00638A



00070A



# Inverse Universe

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



96337A



C22996



967F33



4A4348



8A0063



0A0007



# Previews

## White Background



This preview shows how the Hex color 337A96 looks on a white background.

## Color Contrast Check

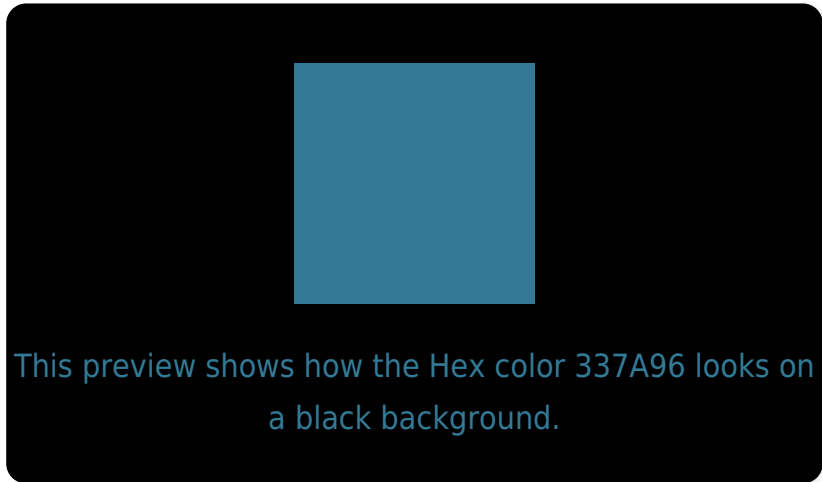
Large Text (above 18pt) WCAG AA ✓ Pass

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

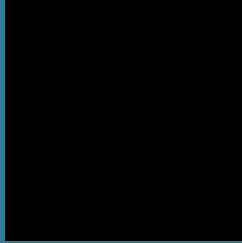
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 337A96 Background



This preview shows how black text looks on a background with the Hex color 337A96.

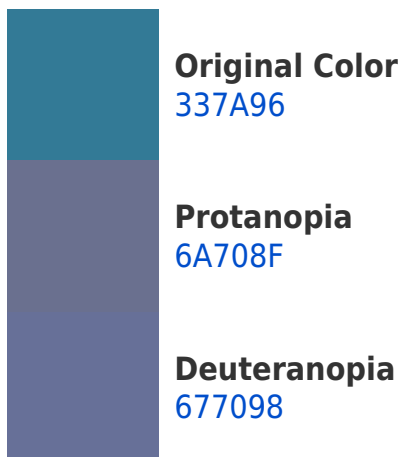


This preview shows how white text looks on a background with the Hex color 337A96.

# 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](#).

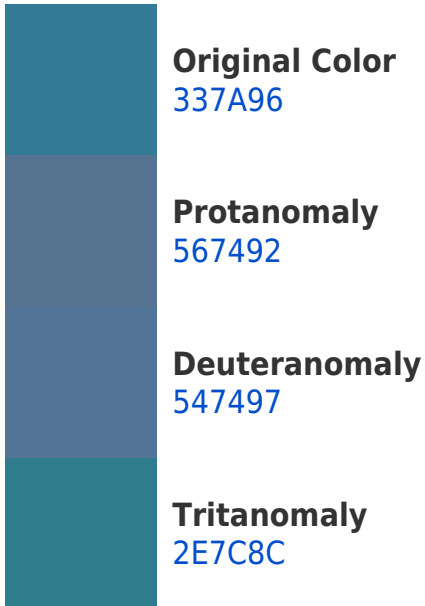
## Dichromacy





**Tritanopia**  
2B7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 337A96 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 #337A96 looks like.

```
.text, #text, p{  
    color:#337A96  
}
```

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 #337A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337A96
}
```

## Border

The CSS property to change the border of an element to Hex 337A96 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
#337A96 }
```

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

```
.border{ border-color:#337A96 }
```

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

Here you see how a box with a 4 pixel #337A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337A96; -webkit-box-shadow:4px 4px  
4px 4px #337A96; box-shadow:4px 4px 4px  
4px #337A96 }
```

# Background

The CSS property to change the background color of an element to Hex 337A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337A96 }
```

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

```
.background{ background-color:#337A96 }
```

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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