

# Converting Colors

Hex(377691)

Have a look what the booklet for  
Hex(377691) contains.

<b>Hex(377691)</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(377691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	377691
RGB	55, 118, 145
RGB Percent	22%, 46%, 57%
CMY	0.7843, 0.5373, 0.4314
CMYK	0.62, 0.19, 0.00, 0.43
HSL	198°, 45%, 39%
HSV	198°, 62%, 57%
XYZ	13.1648, 15.8134, 29.1465
YIQ	102.2410, -46.2150, -4.9590

# Conversions

## Conversions Part 2

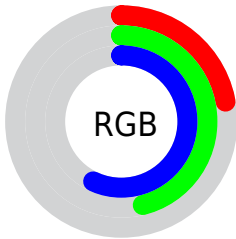
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 92, 145
Decimal	3634833
CIELab	46.73, -11.68, -20.74
CIElCh	47, 23.807, 240.610
Yxy	15.8134, 0.2265, 0.2721
Android (android.graphics.Color)	4281824913 (0xFF377691)
YUV	102.2410, 21.0802, -41.4304
Hunter-Lab	39.7661, -10.4971, -15.6202

# Details

The Hex color **377691** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **915237**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6FAAC7**, and **00465E** is the 20% darker color. If you saturate the color by 10%, you get **297291**, and if you desaturate by 10%, it is **467A91**.

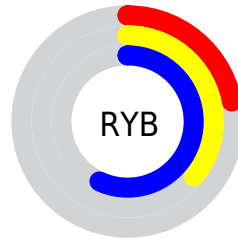
# Distribution



 Red (22%)

 Green (46%)

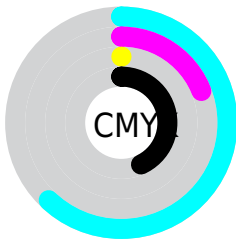
 Blue (57%)




 Red (22%)

 Yellow (36%)

 Blue (57%)

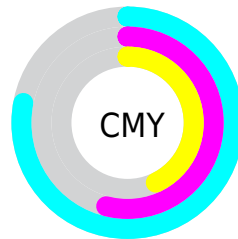


 Cyan (62%)


 Magenta (19%)

 Yellow (0%)

 Black (43%)



 Cyan (78%)

 Magenta (54%)

 Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 377691 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 377691 by changing the saturation by 10% instead.



■ 377691

■ 377691

FFFFFF

■ 165D77

■ 6FAAC7

■ 00465E

■ 8AC5E3

■ 002F47

■ A6E1FF

■ 001B30

■ C2FEFF

■ 00011B

■ DFFFFF

■ 000000

FDFFFF

■ 377691

■ 377691

■ 297291

■ 467A91

■ 1A6D91

■ 547F91

■ 0B6991

■ 628391

■ 006591

■ 718791

■ 7F8C91

■ 8E9091

■ 9D9491

■ AB9991

■ BA9D91

# Harmonies

## Analogous

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



2A7982



377691



547096

# Triad

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



377691



95606F



67744C

# Complementary

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



377691



915237

# 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.



7C6E47



377691



96615B

# Square

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



377691



886383



8D674D



50785B

# Rectangle

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



377691



696C94



8D674D



6E7249



# Sweetspot

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



377691



99B2BD



379152



49585E



DEDEDE



5E5E5E



# Same Dimension

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



377691



3193BD



374991



404547



005F87



000508



# Inverse Universe

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



913776



BD3193



917F37



474045



87005F



080005



# Previews

## White Background



This preview shows how the Hex color 377691 looks on a white background.

### Color Contrast Check

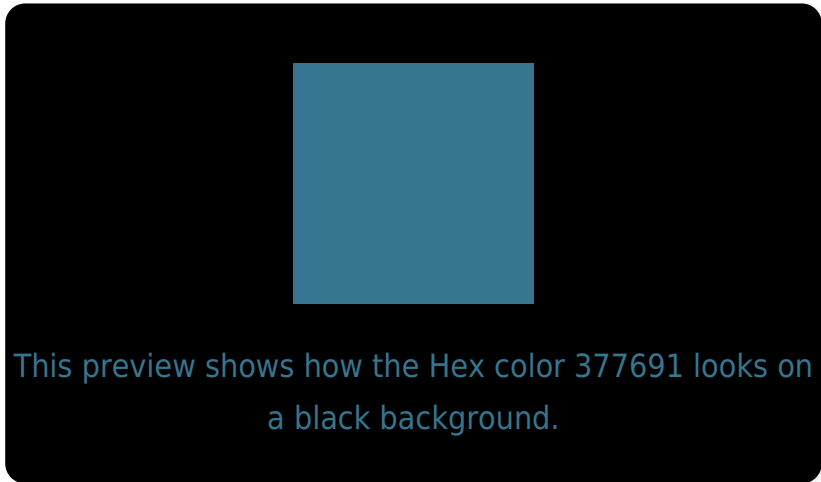
Large Text (above 18pt) WCAG AA ✓ Pass

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

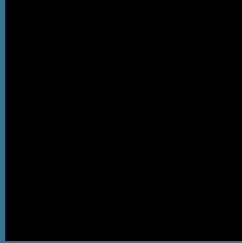
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 377691 Background



This preview shows how black text looks on a background with the Hex color 377691.

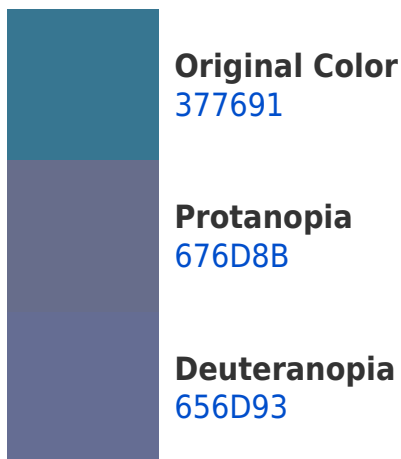


This preview shows how white text looks on a background with the Hex color 377691.

# 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](#).

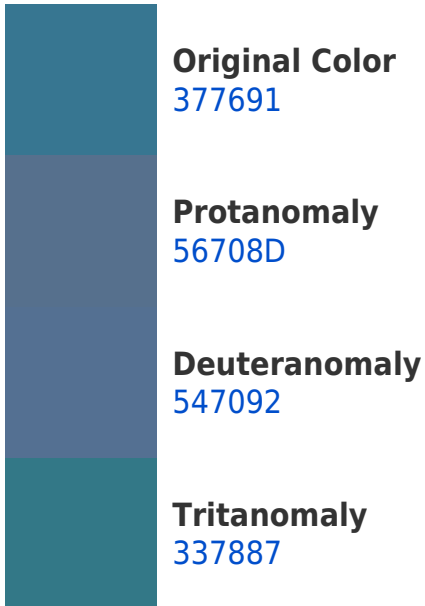
## Dichromacy





**Tritanopia**  
307982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 377691 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 #377691 looks like.

```
.text, #text, p{  
    color:#377691  
}
```

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 #377691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #377691
}
```

## Border

The CSS property to change the border of an element to Hex 377691 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
#377691 }
```

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

```
.border{ border-color:#377691 }
```

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

Here you see how a box with a 4 pixel #377691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #377691; -webkit-box-shadow:4px 4px  
4px 4px #377691; box-shadow:4px 4px 4px  
4px #377691 }
```

# Background

The CSS property to change the background color of an element to Hex 377691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#377691 }
```

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

```
.background{ background-color:#377691 }
```

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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