

# Converting Colors

Hex(437391)

Have a look what the booklet for  
Hex(437391) contains.

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# Color

**Hex(437391)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	437391
RGB	67, 115, 145
RGB Percent	26%, 45%, 57%
CMY	0.7373, 0.5490, 0.4314
CMYK	0.54, 0.21, 0.00, 0.43
HSL	203°, 37%, 42%
HSV	203°, 54%, 57%
XYZ	13.5563, 15.4991, 29.0652
YIQ	104.0680, -38.2380, -0.8460

# Conversions

## Conversions Part 2

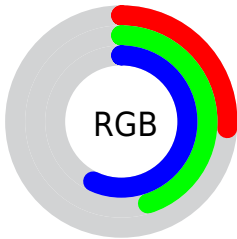
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	67, 97, 145
Decimal	4420497
CIE Lab	46.31, -7.34, -21.34
CIE LCh	46, 22.571, 251.022
Yxy	15.4991, 0.2332, 0.2667
Android (android.graphics.Color)	4282610577 (0xFF437391)
YUV	104.0680, 20.1795, -32.5086
Hunter-Lab	39.3689, -7.4308, -16.2143

# Details

The Hex color **437391** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **916143**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **78A7C7**, and **02435E** is the 20% darker color. If you saturate the color by 10%, you get **356D91**, and if you desaturate by 10%, it is **527991**.

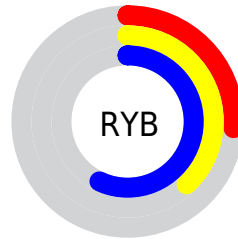
# Distribution



Red (26%)

Green (45%)

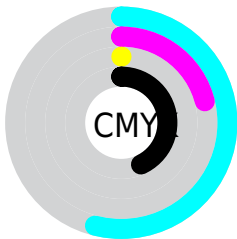
Blue (57%)



Red (26%)

Yellow (38%)

Blue (57%)

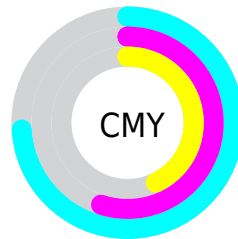


Cyan (54%)

Magenta (21%)

Yellow (0%)

Black (43%)



Cyan (74%)

Magenta (55%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 437391 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 437391 by changing the saturation by 10% instead.



■ 437391

■ 437391

FFFFFF

■ 275A77

■ 78A7C7

■ 02435E

■ 94C2E3

■ 002D47

■ AFDEFF

■ 001930

■ CCFAFF

■ 00011B

■ E8FFFF

■ 000000

■ 437391

■ 437391

■ 356D91

■ 527991

■ 266891

■ 607E91

■ 176291

■ 6F8491

■ 095D91

■ 7D8991

■ 005991

■ 8B8F91

■ 9A9491

■ A99A91

■ B7A091

■ C6A591

# Harmonies

## Analogous

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



307786



437391



5F6D93

# Triad

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



437391



936067



5F7451

# Complementary

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



437391



916143

# 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.



746F48



437391



916356

# Square

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



437391



8B617A



85684A



497761

# Rectangle

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



437391



71698E



85684A



66724D



# Sweetspot

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



437391



9FB1BD



439161



4C575E



DEDEDE



5E5E5E



# Same Dimension

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



437391



428EBD



434C91



404547



005387



000508



# Inverse Universe

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



914373



BD428E



918843



474045



870053



080005



# Previews

## White Background



This preview shows how the Hex color 437391 looks on a white background.

## Color Contrast Check

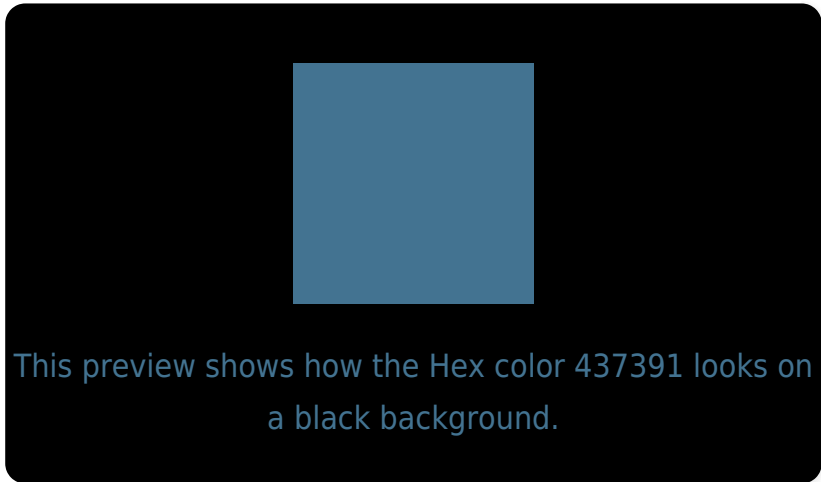
Large Text (above 18pt) WCAG AA ✓ Pass

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

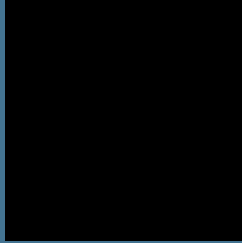
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

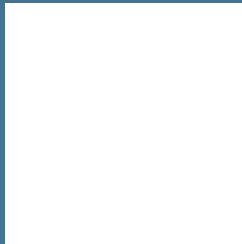
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 437391 Background



This preview shows how black text looks on a background with the Hex color 437391.

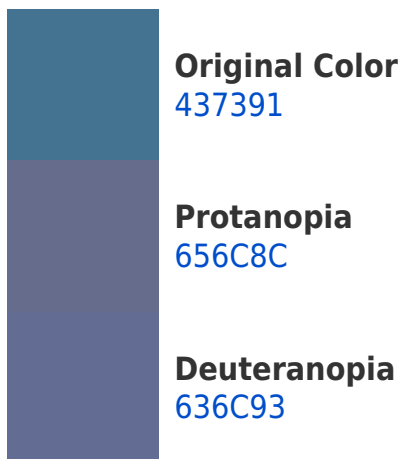


This preview shows how white text looks on a background with the Hex color 437391.

# 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](#).

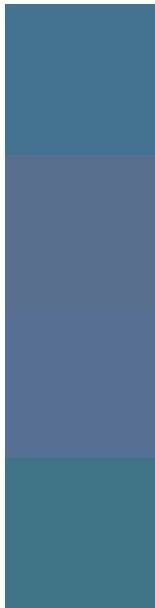
## Dichromacy





**Tritanopia**  
3D7680

# Trichromacy



**Original Color**  
437391

**Protanomaly**  
596F8E

**Deuteranomaly**  
576F92

**Tritanomaly**  
3F7586

# Monochromacy



**Original Color**  
437391

**Achromatopsia**  
686868

**Achromatomaly**  
5B6C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 437391 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 #437391 looks like.

```
.text, #text, p{  
    color:#437391  
}
```

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 #437391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437391
}
```

## Border

The CSS property to change the border of an element to Hex 437391 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
#437391 }
```

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

```
.border{ border-color:#437391 }
```

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

Here you see how a box with a 4 pixel #437391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437391; -webkit-box-shadow:4px 4px  
4px 4px #437391; box-shadow:4px 4px 4px  
4px #437391 }
```

# Background

The CSS property to change the background color of an element to Hex 437391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437391 }
```

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

```
.background{ background-color:#437391 }
```

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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