

Converting Colors

Hex(407693)

Have a look what the booklet for
Hex(407693) contains.

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Color

Hex(407693)

Conversions

Conversions Part 1

Format	Color
Hex	407693
RGB	64, 118, 147
RGB Percent	25%, 46%, 58%
CMY	0.7490, 0.5373, 0.4235
CMYK	0.56, 0.20, 0.00, 0.42
HSL	201°, 39%, 41%
HSV	201°, 56%, 58%
XYZ	13.8592, 16.1534, 29.9912
YIQ	105.1600, -41.4930, -2.4290

Conversions

Conversions Part 2

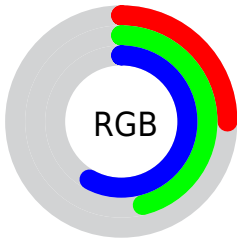
Format	Color
R _{YB}	64, 97, 147
Decimal	4224659
CIE _{Lab}	47.18, -9.14, -21.21
CIE _{LCh}	47, 23.091, 246.692
Yxy	16.1534, 0.2310, 0.2692
Android (android.graphics.Color)	4282414739 (0xFF407693)
YUV	105.1600, 20.6271, -36.0973
Hunter-Lab	40.1913, -8.7824, -16.1089

Details

The Hex color **407693** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **935D40**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **76AAC9**, and **004660** is the 20% darker color. If you saturate the color by 10%, you get **317193**, and if you desaturate by 10%, it is **4F7B93**.

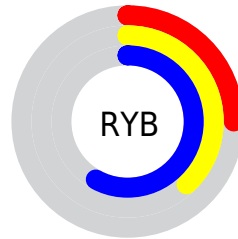
Distribution



Red (25%)

Green (46%)

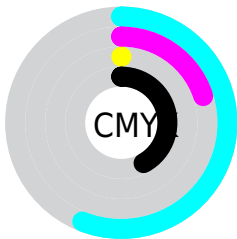
Blue (58%)



Red (25%)

Yellow (38%)

Blue (58%)

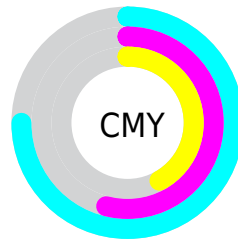


Cyan (56%)

Magenta (20%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407693 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 407693 by changing the saturation by 10% instead.

■ 407693

■ 407693

FFFFFF

■ 235D79

■ 76AAC9

■ 004660

■ 91C5E5

■ 002F48

■ ADE1FF

■ 001B32

■ CAFEFF

■ 00021D

■ E7FFFF

■ 000000

■ 407693

■ 407693

■ 317193

■ 4F7B93

■ 236C93

■ 5D8093

■ 146793

■ 6C8593

■ 056193

■ 7B8B93

■ 006093

■ 8A9093

■ 989593

■ A79A93

■ B69F93

■ C4A493

Harmonies

Analogous

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



307A86



407693



5D7096

Triad

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



407693



96616C



647650

Complementary

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



407693



935D40

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.



797049



407693



95645A

Square

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



407693



8C6380



8A694D



4D7960

Rectangle

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



407693



706C92



8A694D



6B744D

Sweetspot

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



407693



9FB4BF



40935C



4E5A61



E0E0E0



616161

Same Dimension

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



407693



3D92BF



404E93



43474A



005A8A



00070A

Inverse Universe

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



934076



BF3D92



938540



4A4347



8A005A



0A0007

Previews

White Background



This preview shows how the Hex color 407693 looks on a white background.

Color Contrast Check

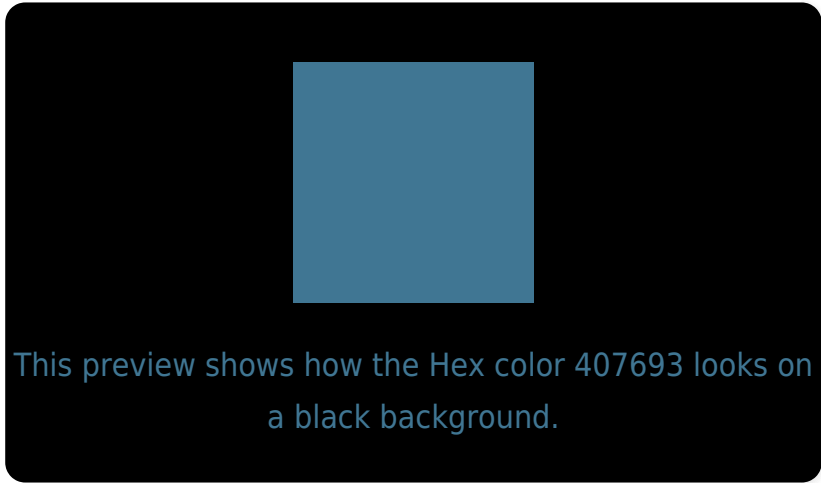
Large Text (above 18pt) WCAG AA ✓ Pass

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

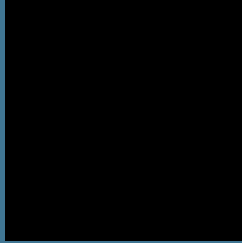
Any Text WCAG AA × Fail

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 407693 Background



This preview shows how black text looks on a background with the Hex color 407693.

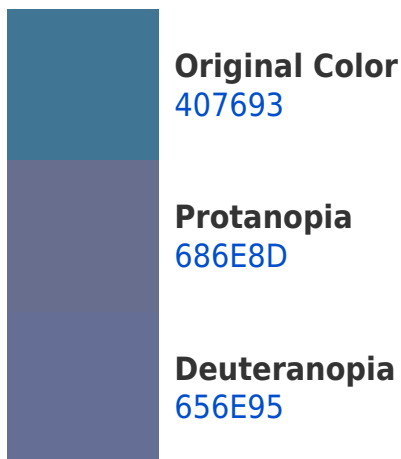


This preview shows how white text looks on a background with the Hex color 407693.

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](#).

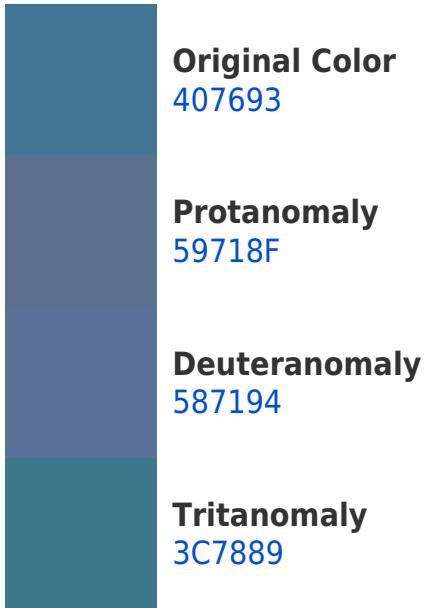
Dichromacy





Tritanopia
3A7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 407693 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 #407693 looks like.

```
.text, #text, p{  
    color:#407693  
}
```

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 #407693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407693
}
```

Border

The CSS property to change the border of an element to Hex 407693 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
#407693 }
```

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

```
.border{ border-color:#407693 }
```

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

Here you see how a box with a 4 pixel #407693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407693; -webkit-box-shadow:4px 4px  
4px 4px #407693; box-shadow:4px 4px 4px  
4px #407693 }
```

Background

The CSS property to change the background color of an element to Hex 407693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407693 }
```

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

```
.background{ background-color:#407693 }
```

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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