

Converting Colors

Hex(457690)

Have a look what the booklet for
Hex(457690) contains.

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Color

Hex(457690)

Conversions

Conversions Part 1

Format	Color
Hex	457690
RGB	69, 118, 144
RGB Percent	27%, 46%, 56%
CMY	0.7294, 0.5373, 0.4353
CMYK	0.52, 0.18, 0.00, 0.44
HSL	201°, 35%, 42%
HSV	201°, 52%, 56%
XYZ	13.9667, 16.2357, 28.7832
YIQ	106.3130, -37.5500, -2.3020

Conversions

Conversions Part 2

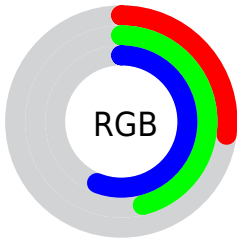
Format	Color
RYB	69, 99, 144
Decimal	4552336
CIELab	47.28, -8.92, -19.25
CIElCh	47, 21.217, 245.141
Yxy	16.2357, 0.2368, 0.2752
Android (android.graphics.Color)	4282742416 (0xFF457690)
YUV	106.3130, 18.5797, -32.7235
Hunter-Lab	40.2935, -8.6413, -14.1477

Details

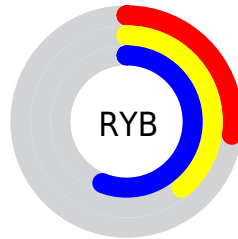
The Hex color **457690** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **905F45**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7AAAC6**, and **07465E** is the 20% darker color. If you saturate the color by 10%, you get **377190**, and if you desaturate by 10%, it is **537B90**.

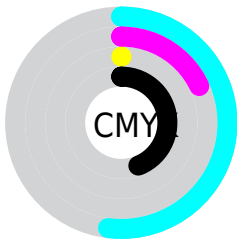
Distribution



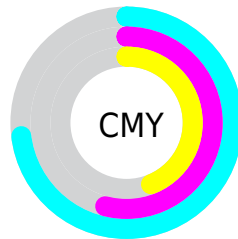
- Red (27%)
- Green (46%)
- Blue (56%)



- Red (27%)
- Yellow (39%)
- Blue (56%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (73%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457690 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 457690 by changing the saturation by 10% instead.

 457690

 457690

FFFFFF

 2A5D76

 7AAAC6

 07465E

 95C5E2

 002F46

 B1E1FF

 001B2F

 CDFFFF

 00011B

 EAFFFF

 000000

 457690

 457690

 377190

 537B90

 286C90

 628090

■ 1A6790

■ 708590

■ 0B6290

■ 7F8A90

■ 005E90

■ 8D8F90

■ 9B9490

■ AA9990

■ B89E90

■ C7A390

Harmonies

Analogous

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



387984



457690



5E7193

Triad

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



457690



93636E



667553

Complementary

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



457690



905F45

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.



7A704D



457690



93655C

Square

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



457690



8A657F



896A50



527961

Rectangle

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



457690



6F6D90



896A50



6D744F

Sweetspot

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



457690



9CB0BA



45905E



4C585E



DEDEDE



5E5E5E

Same Dimension

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



457690



4591BA



455290



404547



005887



000508

Inverse Universe

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



904576



BA4591



908445



474045



870058



080005

Previews

White Background



This preview shows how the Hex color 457690 looks on a white background.

Color Contrast Check

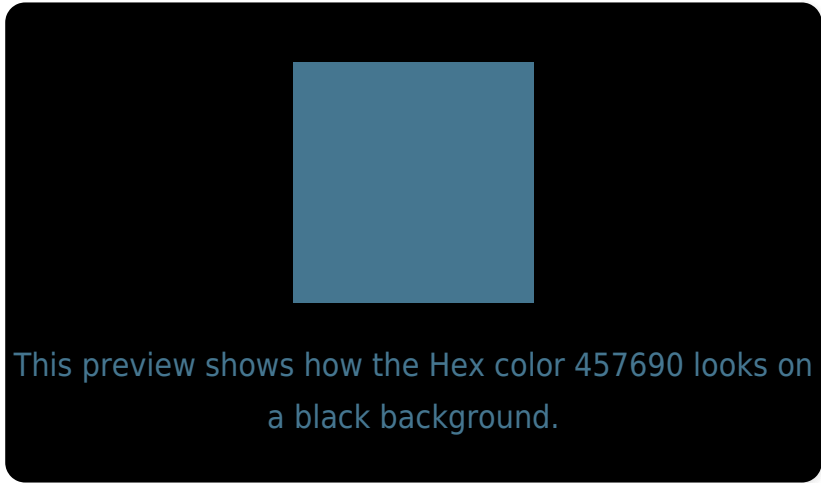
Large Text (above 18pt) WCAG AA ✓ Pass

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

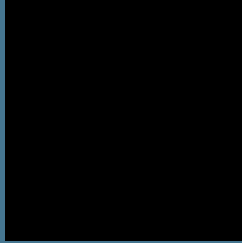
Any Text WCAG AA × Fail

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 457690 Background



This preview shows how black text looks on a background with the Hex color 457690.

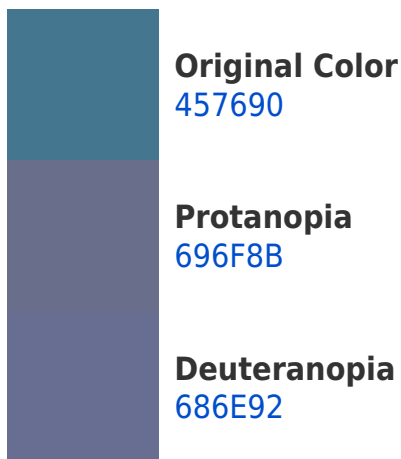


This preview shows how white text looks on a background with the Hex color 457690.

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
407882

Trichromacy



Original Color
457690

Protanomaly
5C728D

Deuteranomaly
5B7191

Tritanomaly
427787

Monochromacy



Original Color
457690

Achromatopsia
6A6A6A

Achromatomaly
5D6E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 457690 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 #457690 looks like.

```
.text, #text, p{  
    color:#457690  
}
```

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 #457690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457690
}
```

Border

The CSS property to change the border of an element to Hex 457690 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
#457690 }
```

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

```
.border{ border-color:#457690 }
```

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

Here you see how a box with a 4 pixel #457690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457690; -webkit-box-shadow:4px 4px  
4px 4px #457690; box-shadow:4px 4px 4px  
4px #457690 }
```

Background

The CSS property to change the background color of an element to Hex 457690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457690 }
```

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

```
.background{ background-color:#457690 }
```

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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