

Converting Colors

Hex(457999)

Have a look what the booklet for
Hex(457999) contains.

Hex(457999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(457999)

Conversions

Conversions Part 1

Format	Color
Hex	457999
RGB	69, 121, 153
RGB Percent	27%, 47%, 60%
CMY	0.7294, 0.5255, 0.4000
CMYK	0.55, 0.21, 0.00, 0.40
HSL	203°, 38%, 44%
HSV	203°, 55%, 60%
XYZ	15.0414, 17.2399, 32.6719
YIQ	109.1000, -41.2640, -1.0720

Conversions

Conversions Part 2

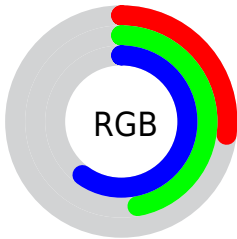
Format	Color
R _{YB}	69, 101, 153
Decimal	4553113
CIE _{Lab}	48.56, -7.83, -22.58
CIE _{LCh}	49, 23.903, 250.879
Y _{xy}	17.2399, 0.2316, 0.2654
Android (android.graphics.Color)	4282743193 (0xFF457999)
Y _{UV}	109.1000, 21.6427, -35.1677
Hunter-Lab	41.5209, -7.9981, -17.5893

Details

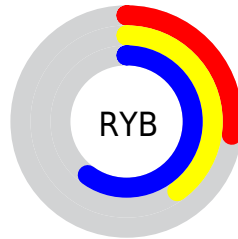
The Hex color **457999** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **996545**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7BADCF**, and **014966** is the 20% darker color. If you saturate the color by 10%, you get **367399**, and if you desaturate by 10%, it is **547F99**.

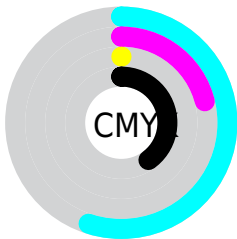
Distribution



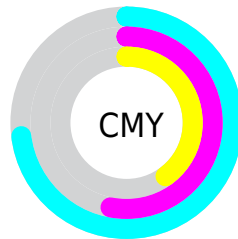
- Red (27%)
- Green (47%)
- Blue (60%)



- Red (27%)
- Yellow (40%)
- Blue (60%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457999 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 457999 by changing the saturation by 10% instead.

■ 457999

■ 457999

FFFFFF

■ 29607F

■ 7BADCF

■ 014966

■ 97C9EC

■ 00324E

■ B2E5FF

■ 001D37

■ CFFFFFF

■ 000222

■ EFFFFFF

■ 000007

■ 000000

■ 457999

■ 457999

■ 367399

■ 547F99

■ 266D99

■ 648599

■ 176899

■ 738A99

■ 086299

■ 829099

■ 005F99

■ 929699

■ A19C99

■ B0A299

■ BFA899

■ CFAD99

Harmonies

Analogous

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



317D8D



457999



63739B

Triad

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



457999



9B646D



647A54

Complementary

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



457999



996545

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.



7A744B



457999



99675A

Square

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



457999



936681



8D6E4E



4C7D65

Rectangle

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



457999



776E96



8D6E4E



6B7850

Sweetspot

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



457999



A7BBC7



459964



515C63



E3E3E3



636363

Same Dimension

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



457999



4495C7



455099



454A4D



00578C



00080D

Inverse Universe

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



994579



C74495



998E45



4D454A



8C0057



0D0008

Previews

White Background



This preview shows how the Hex color 457999 looks on a white background.

Color Contrast Check

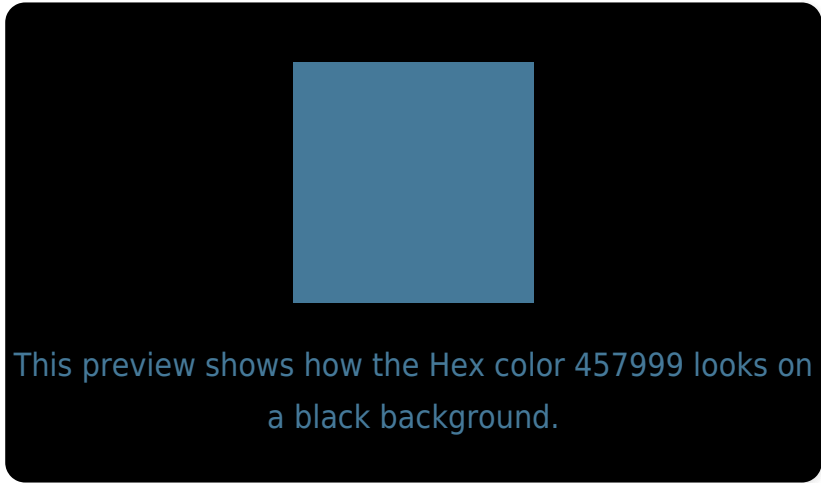
Large Text (above 18pt) WCAG AA ✓ Pass

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

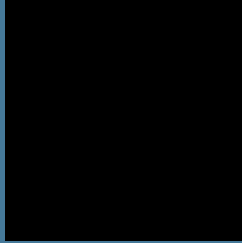
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

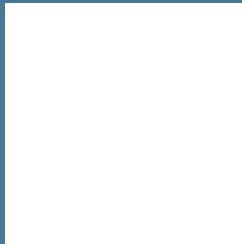
Any Text WCAG AAA × Fail

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

Hex 457999 Background



This preview shows how black text looks on a background with the Hex color 457999.

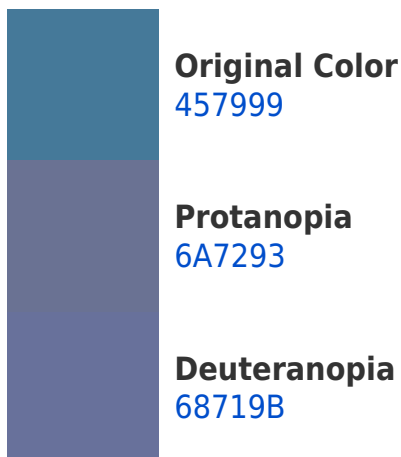


This preview shows how white text looks on a background with the Hex color 457999.

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](#).

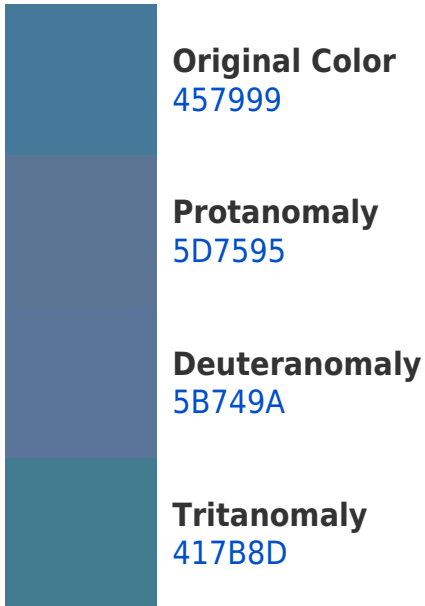
Dichromacy



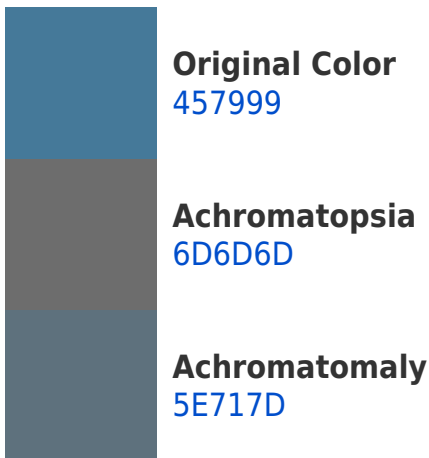


Tritanopia
3E7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 457999 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 #457999 looks like.

```
.text, #text, p{  
    color:#457999  
}
```

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 #457999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457999
}
```

Border

The CSS property to change the border of an element to Hex 457999 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
#457999 }
```

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

```
.border{ border-color:#457999 }
```

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

Here you see how a box with a 4 pixel #457999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457999; -webkit-box-shadow:4px 4px  
4px 4px #457999; box-shadow:4px 4px 4px  
4px #457999 }
```

Background

The CSS property to change the background color of an element to Hex 457999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457999 }
```

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

```
.background{ background-color:#457999 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor