

Converting Colors

Hex(457AA2)

Have a look what the booklet for
Hex(457AA2) contains.

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Color

Hex(457AA2)

Conversions

Conversions Part 1

Format	Color
Hex	457AA2
RGB	69, 122, 162
RGB Percent	27%, 48%, 64%
CMY	0.7294, 0.5216, 0.3647
CMYK	0.57, 0.25, 0.00, 0.36
HSL	206°, 40%, 45%
HSV	206°, 57%, 64%
XYZ	15.9354, 17.7929, 36.7769
YIQ	110.7130, -44.4280, 1.2040

Conversions

Conversions Part 2

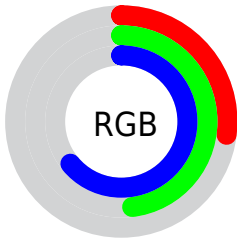
Format	Color
R_{YB}	69, 103, 162
Decimal	4553378
CIE _{Lab}	49.24, -5.52, -26.79
CIE _{LCh}	49, 27.357, 258.361
Y _{xy}	17.7929, 0.2260, 0.2524
Android (android.graphics.Color)	4282743458 (0xFF457AA2)
YUV	110.7130, 25.2845, -36.5823
Hunter-Lab	42.1816, -6.3842, -22.1660

Details

The Hex color **457AA2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A26D45**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7CAED9**, and **004A6E** is the 20% darker color. If you saturate the color by 10%, you get **3573A2**, and if you desaturate by 10%, it is **5581A2**.

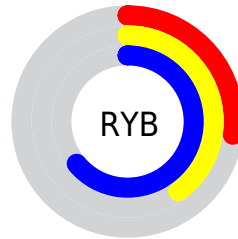
Distribution



Red (27%)

Green (48%)

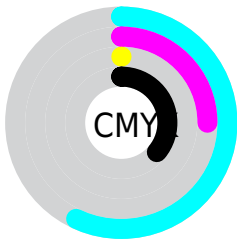
Blue (64%)



Red (27%)

Yellow (40%)

Blue (64%)

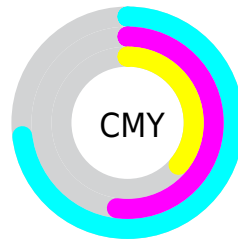


Cyan (57%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (73%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457AA2 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 457AA2 by changing the saturation by 10% instead.

■ 457AA2

■ 457AA2

FFFFFF

■ 276188

■ 7CAED9

■ 004A6E

■ 98CAF6

■ 003356

■ B4E6FF

■ 001E3E

■ D1FFFF

■ 000328

■ EEEFFF

■ 000112

■ 000000

■ 457AA2

■ 457AA2

■ 3573A2

■ 5581A2

■ 256CA2

■ 6588A2

■ 1465A2

■ 768FA2

■ 045EA2

■ 8696A2

■ 005CA2

■ 969DA2

■ A6A4A2

■ B6ABA2

■ C7B2A2

■ D7B9A2

Harmonies

Analogous

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



217F97



457AA2



6B72A1

Triad

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



457AA2



A36468



5C7E55

Complementary

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



457AA2



A26D45

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.



767848



457AA2



9D6953

Square

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



457AA2



9D647F



8D7148



3F816B

Rectangle

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



457AA2



806D99



8D7148



657C50

Sweetspot

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



457AA2



B0C4D4



45A26C



56626B



EBEBEB



6B6B6B

Same Dimension

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



457AA2



4295D4



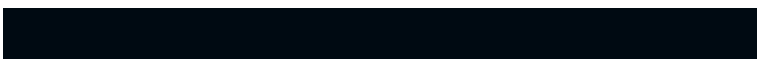
454DA2



494E52



005391



000A12

Inverse Universe

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



A2457A



D44295



A29A45



52494E



910053



12000A

Previews

White Background



This preview shows how the Hex color 457AA2 looks on a white background.

Color Contrast Check

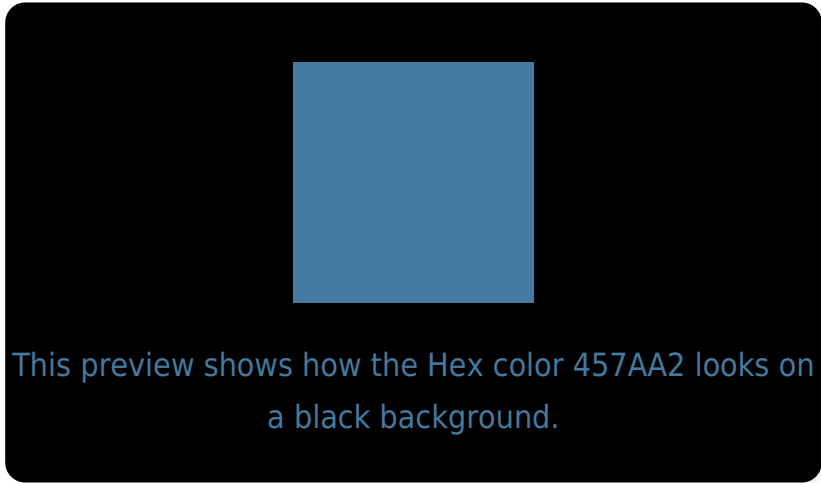
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

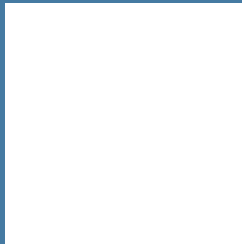
Any Text WCAG AAA × Fail

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

Hex 457AA2 Background



This preview shows how black text looks on a background with the Hex color 457AA2.

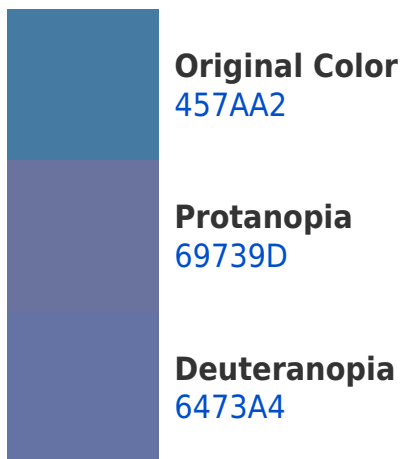


This preview shows how white text looks on a background with the Hex color 457AA2.

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](#).

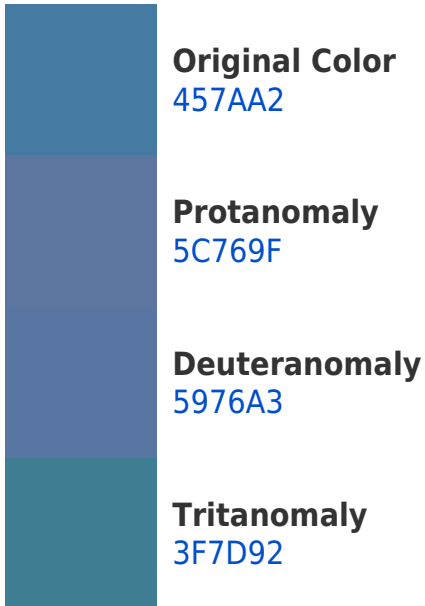
Dichromacy



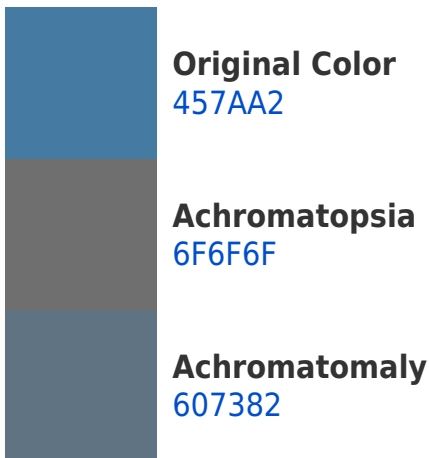


Tritanopia
3B7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 457AA2 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 #457AA2 looks like.

```
.text, #text, p{  
    color:#457AA2  
}
```

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 #457AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457AA2
}
```

Border

The CSS property to change the border of an element to Hex 457AA2 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
#457AA2 }
```

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

```
.border{ border-color:#457AA2 }
```

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

Here you see how a box with a 4 pixel #457AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457AA2; -webkit-box-shadow:4px 4px  
4px 4px #457AA2; box-shadow:4px 4px 4px  
4px #457AA2 }
```

Background

The CSS property to change the background color of an element to Hex 457AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457AA2 }
```

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

```
.background{ background-color:#457AA2 }
```

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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