

Converting Colors

Hex(448EA3)

Have a look what the booklet for
Hex(448EA3) contains.

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Color

Hex(448EA3)

Conversions

Conversions Part 1

Format	Color
Hex	448EA3
RGB	68, 142, 163
RGB Percent	27%, 56%, 64%
CMY	0.7333, 0.4431, 0.3608
CMYK	0.58, 0.13, 0.00, 0.36
HSL	193°, 41%, 45%
HSV	193°, 58%, 64%
XYZ	18.6678, 23.2193, 38.1482
YIQ	122.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

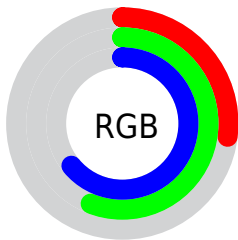
Format	Color
R _Y B	68, 110, 163
Decimal	4492963
CIE Lab	55.30, -16.68, -18.07
CIE LCh	55, 24.588, 227.291
Yxy	23.2193, 0.2332, 0.2901
Android (android.graphics.Color)	4282683043 (0xFF448EA3)
YUV	122.2680, 20.0809, -47.5930
Hunter-Lab	48.1864, -15.1740, -13.2082

Details

The Hex color **448EA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A35944**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7CC4DA**, and **005C6F** is the 20% darker color. If you saturate the color by 10%, you get **348AA3**, and if you desaturate by 10%, it is **5492A3**.

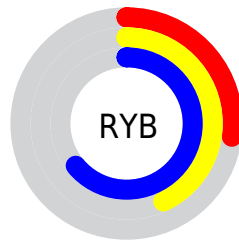
Distribution



Red (27%)

Green (56%)

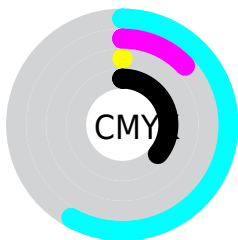
Blue (64%)



Red (27%)

Yellow (43%)

Blue (64%)

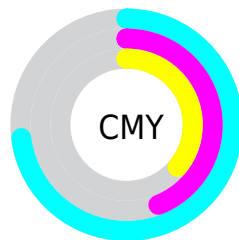


Cyan (58%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (73%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 448EA3 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 448EA3 by changing the saturation by 10% instead.

■ 448EA3

■ 448EA3

FFFFFF

■ 257489

■ 7CC4DA

■ 005C6F

■ 98E0F6

■ 004457

■ B5FCFF

■ 002E3F

■ D2FFFF

■ 001A29

■ EFFFFFF

■ 000115

■ 000000

■ 448EA3

■ 448EA3

■ 348AA3

■ 5492A3

■ 2387A3

■ 6595A3

■ 1383A3

■ 7599A3

■ 0380A3

■ 859CA3

■ 007FA3

■ 96A0A3

■ A6A4A3

■ B6A7A3

■ C6ABA3

■ D7AEA3

Harmonies

Analogous

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



439090



448EA3



5C89AD

Triad

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



448EA3



A9768E



87875B

Complementary

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



448EA3



A35944

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.



9C805B



448EA3



AF7579

Square

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



448EA3



977BA1



AA7966



6F8C67

Rectangle

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



448EA3



7085AE



AA7966



8E855A

Sweetspot

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



448EA3



B0CCD4



44A359



56666B



EBEBEB



6B6B6B

Same Dimension

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



448EA3



3FB3D4



445FA3



495052



007191



000E12

Inverse Universe

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



A3448E



D43FB3



A38844



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 448EA3 looks on a white background.

Color Contrast Check

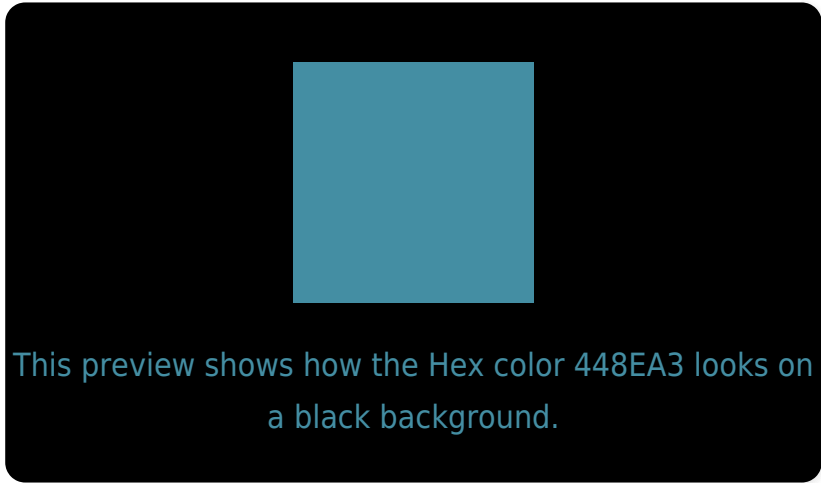
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

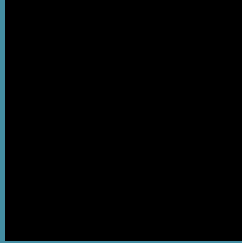
Any Text WCAG AA ✓ Pass

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 448EA3 Background



This preview shows how black text looks on a background with the Hex color 448EA3.



This preview shows how white text looks on a background with the Hex color 448EA3.

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



Original Color
448EA3

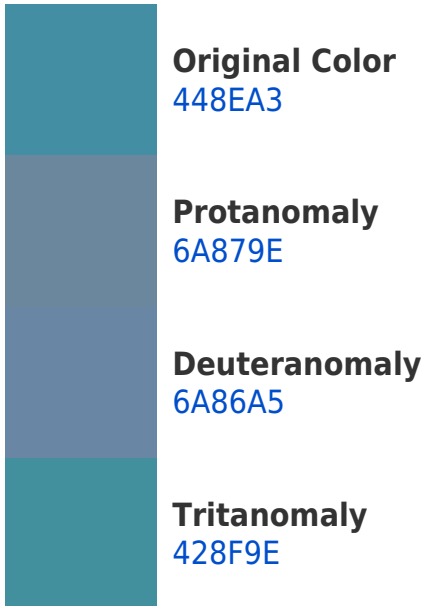
Protanopia
7F839B

Deuteranopia
7F81A6

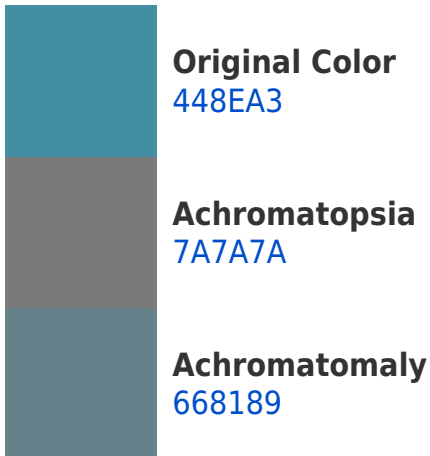


Tritanopia
418F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 448EA3 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 #448EA3 looks like.

```
.text, #text, p{  
    color:#448EA3  
}
```

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 #448EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #448EA3
}
```

Border

The CSS property to change the border of an element to Hex 448EA3 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
#448EA3 }
```

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

```
.border{ border-color:#448EA3 }
```

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

Here you see how a box with a 4 pixel #448EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #448EA3; -webkit-box-shadow:4px 4px  
4px 4px #448EA3; box-shadow:4px 4px 4px  
4px #448EA3 }
```

Background

The CSS property to change the background color of an element to Hex 448EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#448EA3 }
```

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

```
.background{ background-color:#448EA3 }
```

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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