

Converting Colors

Hex(449EB3)

Have a look what the booklet for
Hex(449EB3) contains.

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Color

Hex(449EB3)

Conversions

Conversions Part 1

Format	Color
Hex	449EB3
RGB	68, 158, 179
RGB Percent	27%, 62%, 70%
CMY	0.7333, 0.3804, 0.2980
CMYK	0.62, 0.12, 0.00, 0.30
HSL	191°, 45%, 48%
HSV	191°, 62%, 70%
XYZ	22.7474, 28.9373, 47.0344
YIQ	133.4840, -60.3810, -12.5490

Conversions

Conversions Part 2

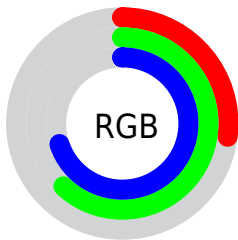
Format	Color
R _Y B	68, 118, 179
Decimal	4497075
CIE Lab	60.73, -20.28, -18.90
CIE LCh	61, 27.725, 222.978
Yxy	28.9373, 0.2304, 0.2931
Android (android.graphics.Color)	4282687155 (0xFF449EB3)
YUV	133.4840, 22.4394, -57.4295
Hunter-Lab	53.7934, -18.6568, -14.1849

Details

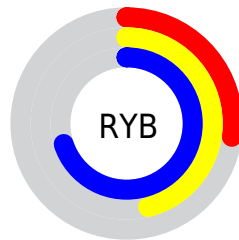
The Hex color **449EB3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B35944**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7FD5EB**, and **006A7E** is the 20% darker color. If you saturate the color by 10%, you get **329BB3**, and if you desaturate by 10%, it is **56A1B3**.

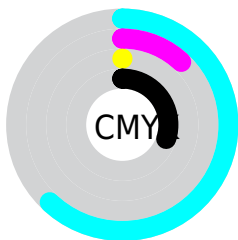
Distribution



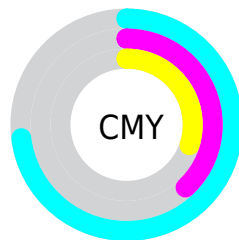
- Red (27%)
- Green (62%)
- Blue (70%)



- Red (27%)
- Yellow (46%)
- Blue (70%)



- Cyan (62%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)



- Cyan (73%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 449EB3 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 449EB3 by changing the saturation by 10% instead.

■ 449EB3

■ 449EB3

FFFFFF

■ 218498

■ 7FD5EB

■ 006A7E

■ 9CF1FF

■ 005265

■ B9FFFF

■ 003B4D

■ D6FFFF

■ 002536

■ F4FFFF

■ 000721

■ 000007

■ 000000

■ 449EB3

■ 449EB3

■ 329BB3

■ 56A1B3

■ 2097B3

■ 68A5B3

■ 0E94B3

■ 7AA8B3

■ 0091B3

■ 8CACB3

■ 9EAFB3

■ AFB2B3

■ C1B6B3

■ D3B9B3

■ E5BCB3

Harmonies

Analogous

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



48A09D



449EB3



5E99C1

Triad

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



449EB3



BA82A1



999462

Complementary

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



449EB3



B35944

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.



B08C64



449EB3



C38089

Square

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



449EB3



A388B6



BF8472



7E9B6E

Rectangle

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



449EB3



7694C3



BF8472



A19261

Sweetspot

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



449EB3



BCE0E8



44B358



5A7075



F5F5F5



757575

Same Dimension

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



449EB3



3CC8E8



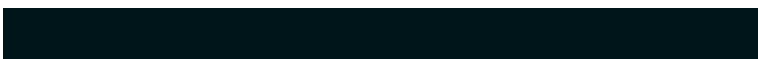
4467B3



505859



007C99



00151A

Inverse Universe

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



B3449E



E83CC8



B39044



595058



99007C



1A0015

Previews

White Background



This preview shows how the Hex color 449EB3 looks on a white background.

Color Contrast Check

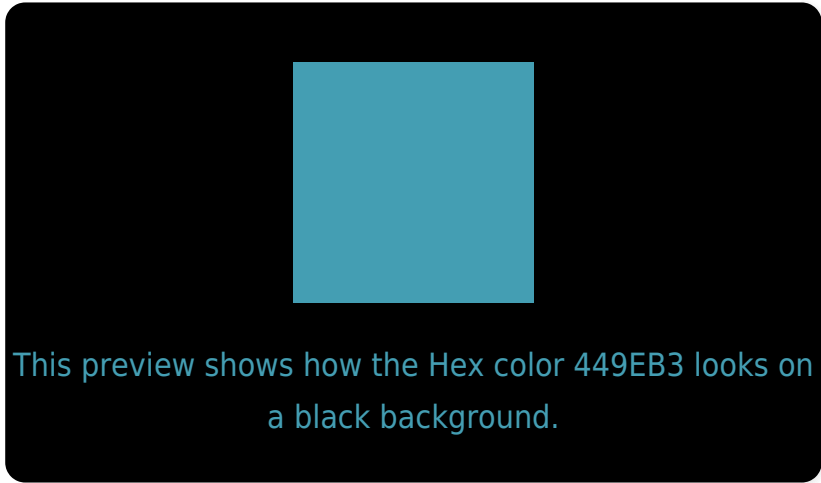
Large Text (above 18pt) WCAG AA ✓ Pass

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

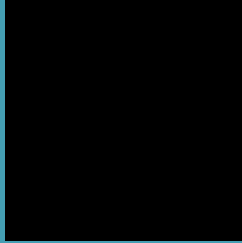
Any Text WCAG AA ✓ Pass

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 449EB3 Background



This preview shows how black text looks on a background with the Hex color 449EB3.

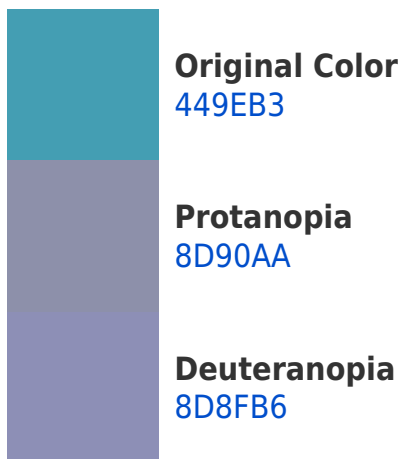


This preview shows how white text looks on a background with the Hex color 449EB3.

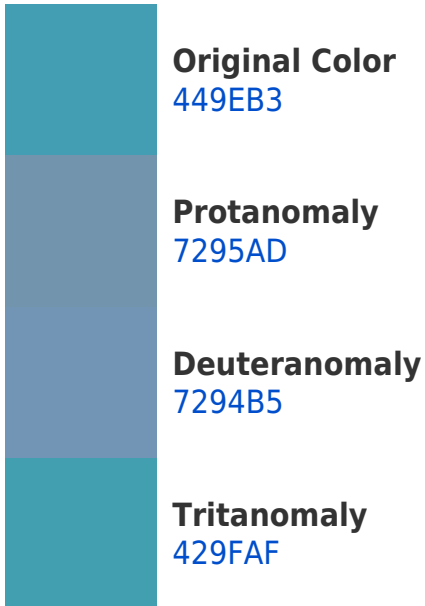
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 449EB3 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 #449EB3 looks like.

```
.text, #text, p{  
    color:#449EB3  
}
```

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 #449EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449EB3
}
```

Border

The CSS property to change the border of an element to Hex 449EB3 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
#449EB3 }
```

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

```
.border{ border-color:#449EB3 }
```

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

Here you see how a box with a 4 pixel #449EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449EB3; -webkit-box-shadow:4px 4px  
4px 4px #449EB3; box-shadow:4px 4px 4px  
4px #449EB3 }
```

Background

The CSS property to change the background color of an element to Hex 449EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449EB3 }
```

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

```
.background{ background-color:#449EB3 }
```

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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