

# Converting Colors

Hex(739EA3)

Have a look what the booklet for  
Hex(739EA3) contains.

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# **Color**

**Hex(739EA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	739EA3
RGB	115, 158, 163
RGB Percent	45%, 62%, 64%
CMY	0.5490, 0.3804, 0.3608
CMYK	0.29, 0.03, 0.00, 0.36
HSL	186°, 21%, 55%
HSV	186°, 29%, 64%
XYZ	25.9080, 30.7429, 39.2188
YIQ	145.7130, -27.2330, -7.5610

# Conversions

## Conversions Part 2

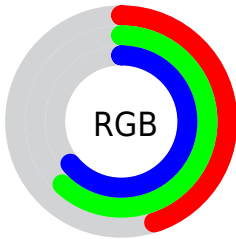
Format	Color
<a href="#">RYB</a>	<a href="#">115, 138, 163</a>
Decimal	<a href="#">7577251</a>
CIELab	<a href="#">62.29, -13.27, -7.32</a>
CIELCh	<a href="#">62, 15.150, 208.885</a>
Yxy	<a href="#">30.7429, 0.2702, 0.3207</a>
Android (android.graphics.Color)	<a href="#">4285767331 (0xFF739EA3)</a>
YUV	<a href="#">145.7130, 8.5225, -26.9353</a>
Hunter-Lab	<a href="#">55.4463, -13.6247, -3.1252</a>

# Details

The Hex color **739EA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A37873**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A8D5DA**, and **406B6F** is the 20% darker color. If you saturate the color by 10%, you get **639CA3**, and if you desaturate by 10%, it is **83A0A3**.

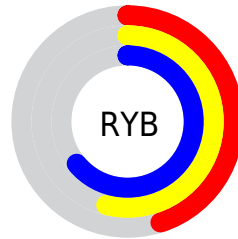
# Distribution



Red (45%)

Green (62%)

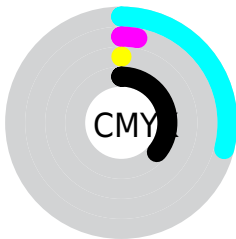
Blue (64%)



Red (45%)

Yellow (54%)

Blue (64%)

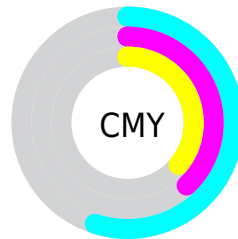


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (38%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 739EA3 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 739EA3 by changing the saturation by 10% instead.



739EA3

739EA3

FFFFFF

598489

A8D5DA

406B6F

C4F1F6

285257

E0FFFF

0D3B40

FDFDFD

00252A

001016

000000

739EA3

739EA3

639CA3

83A0A3

529BA3

94A1A3

4299A3

A4A3A3

3297A3

B4A5A3

2296A3

C5A6A3

1194A3

D5A8A3

0192A3

E5AAA3

0092A3

F5ACA3

FFADA3

# Harmonies

## Analogous

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



789E96



739EA3



799CAD

# Triad

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



739EA3



A88FA5



A2957C

# Complementary

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



739EA3



A37873

# 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.



AD9180



739EA3



B18D98

# Square

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



739EA3



9893AE



B38E8A



939A7F

# Rectangle

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



739EA3



8299B1



B38E8A



A6947C



# Sweetspot

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



739EA3



C1D2D4



73A378



5F6A6B



EBEBEB



6B6B6B



# Same Dimension

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



739EA3



8ACCD4



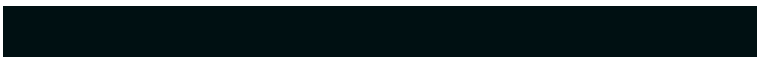
7386A3



495152



008291



001012



# Inverse Universe

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



A3739E



D48ACC



A39073



524951



910082



120010



# Previews

## White Background



This preview shows how the Hex color 739EA3 looks on a white background.

## Color Contrast Check

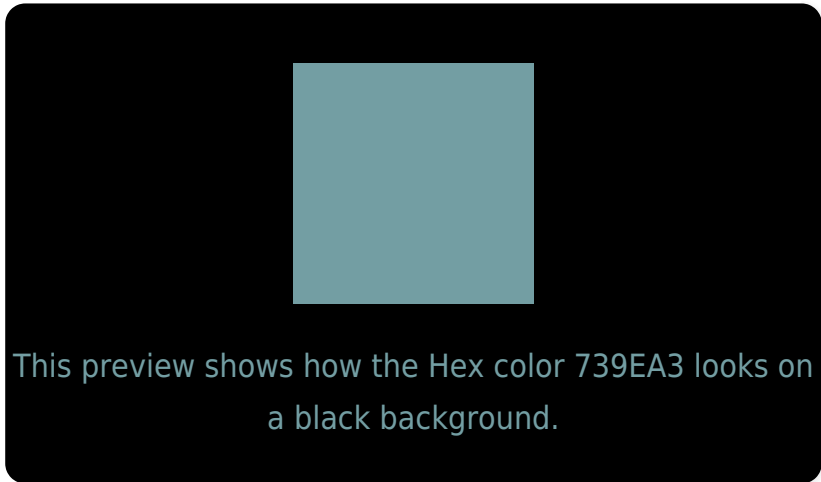
Large Text (above 18pt) WCAG AA × Fail

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

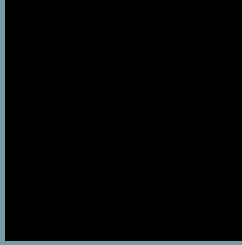
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 739EA3 Background



This preview shows how black text looks on a background with the Hex color 739EA3.



This preview shows how white text looks on a background with the Hex color 739EA3.

# 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](#).

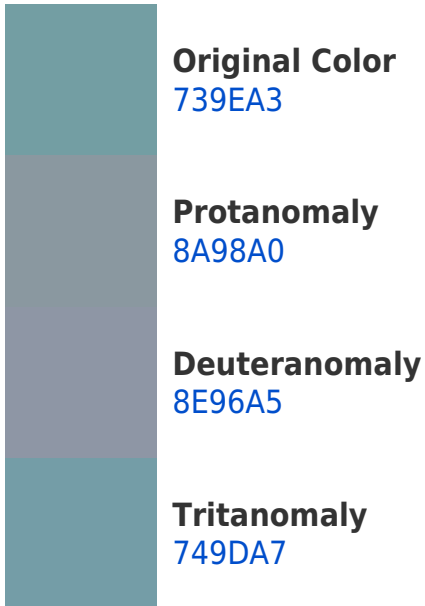
## Dichromacy





**Tritanopia**  
749DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 739EA3 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 #739EA3 looks like.

```
.text, #text, p{  
    color:#739EA3  
}
```

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 #739EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739EA3
}
```

## Border

The CSS property to change the border of an element to Hex 739EA3 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
#739EA3 }
```

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

```
.border{ border-color:#739EA3 }
```

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

Here you see how a box with a 4 pixel #739EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739EA3; -webkit-box-shadow:4px 4px  
4px 4px #739EA3; box-shadow:4px 4px 4px  
4px #739EA3 }
```

# Background

The CSS property to change the background color of an element to Hex 739EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739EA3 }
```

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

```
.background{ background-color:#739EA3 }
```

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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