

# Converting Colors

Hex(739EE6)

Have a look what the booklet for  
Hex(739EE6) contains.

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# **Color**

**Hex(739EE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	739EE6
RGB	115, 158, 230
RGB Percent	45%, 62%, 90%
CMY	0.5490, 0.3804, 0.0980
CMYK	0.50, 0.31, 0.00, 0.10
HSL	218°, 70%, 68%
HSV	218°, 50%, 90%
XYZ	33.5800, 33.8117, 79.6194
YIQ	153.3510, -48.7400, 13.2760

# Conversions

## Conversions Part 2

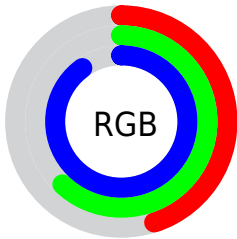
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 146, 230
Decimal	7577318
CIE <sub>Lab</sub>	64.81, 5.14, -40.85
CIE <sub>LCh</sub>	65, 41.173, 277.168
Yxy	33.8117, 0.2284, 0.2300
Android (android.graphics.Color)	4285767398 (0xFF739EE6)
YUV	153.3510, 37.7880, -33.6338
Hunter-Lab	58.1479, 1.3239, -40.4798

# Details

The Hex color **739EE6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E6BB73**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **ACD4FF**, and **386BAE** is the 20% darker color. If you saturate the color by 10%, you get **5C90E6**, and if you desaturate by 10%, it is **8AACE6**.

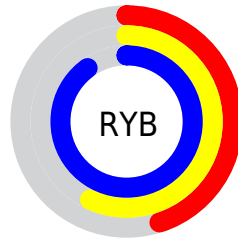
# Distribution



Red (45%)

Green (62%)

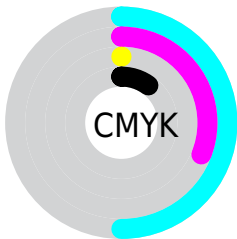
Blue (90%)



Red (45%)

Yellow (57%)

Blue (90%)

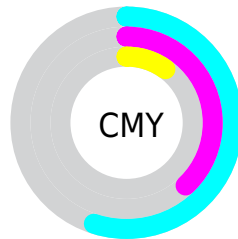


Cyan (50%)

Magenta (31%)

Yellow (0%)

Black (10%)



Cyan (55%)

Magenta (38%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 739EE6 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 739EE6 by changing the saturation by 10% instead.



 739EE6

 739EE6

FFFFFF

 5684CA

 ACD4FF

 386BAE

 C9F1FF

 0E5393

 E7FFFF

 003C79

 002760

 001348

 000431

 00011B

 000000

■ 739EE6

■ 739EE6

■ 5C90E6

■ 8AACE6

■ 4581E6

■ A1BBE6

■ 2E73E6

■ B8C9E6

■ 1764E6

■ CFD8E6

■ 0056E6

■ E6E6E6

■ FDF4E6

■ FFFFE6

# Harmonies

## Analogous

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



14A9E0



739EE6



AC90D8

# Triad

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



739EE6



E08573



54AE7F

# Complementary

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



739EE6



E6BB73

# 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.



84A861



739EE6



CC915A

# Square

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



739EE6



E37F96



AC9E53



00B1A5

# Rectangle

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



739EE6



C888C6



AC9E53



66AD74



# Sweetspot

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



739EE6



D9E7FF



73E6BA



697180



000000



808080

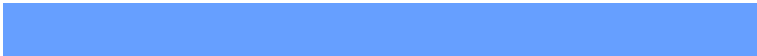


# Same Dimension

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



739EE6



669FFF



8073E6



676C73



0043B3



001333



# Inverse Universe

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



E6739E



FF669F



D9E673



73676C



B30043



330013



# Previews

## White Background



This preview shows how the Hex color 739EE6 looks on a white background.

## Color Contrast Check

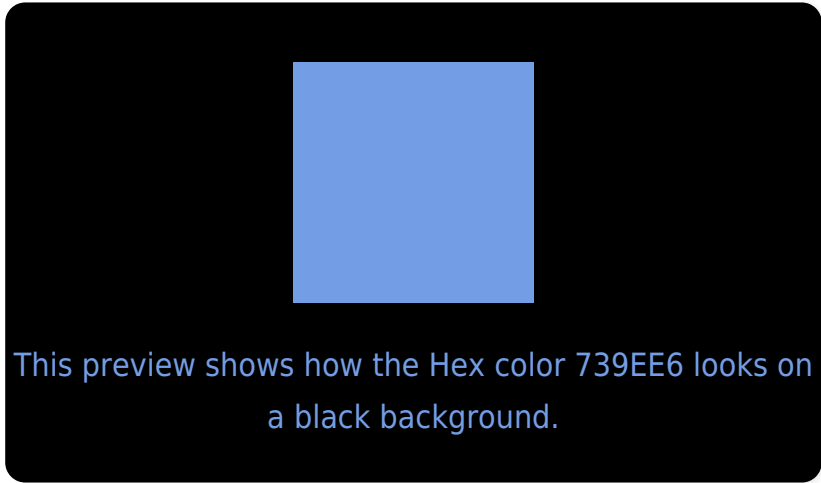
Large Text (above 18pt) WCAG AA × Fail

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

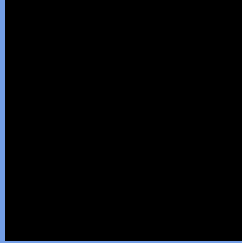
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

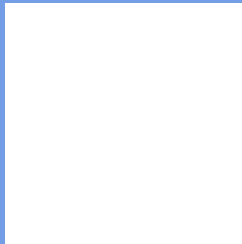
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 739EE6 Background



This preview shows how black text looks on a background with the Hex color 739EE6.



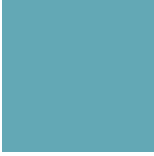
This preview shows how white text looks on a background with the Hex color 739EE6.

# 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](#).

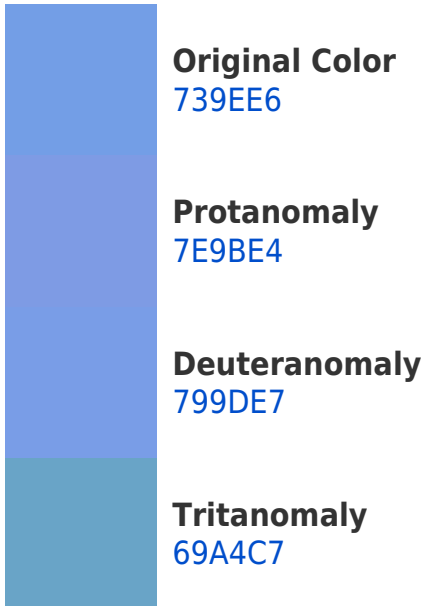
## Dichromacy





**Tritanopia**  
63A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 739EE6 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 #739EE6 looks like.

```
.text, #text, p{  
    color:#739EE6  
}
```

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 #739EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739EE6  
}
```

## Border

The CSS property to change the border of an element to Hex 739EE6 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  
#739EE6 }
```

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

```
.border{ border-color:#739EE6 }
```

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

Here you see how a box with a 4 pixel #739EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739EE6; -webkit-box-shadow:4px 4px  
4px 4px #739EE6; box-shadow:4px 4px 4px  
4px #739EE6 }
```

# Background

The CSS property to change the background color of an element to Hex 739EE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739EE6 }
```

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

```
.background{ background-color:#739EE6 }
```

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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