

Converting Colors

Hex(7669EA)

Have a look what the booklet for
Hex(7669EA) contains.

Hex(7669EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7669EA)

Conversions

Conversions Part 1

Format	Color
Hex	7669EA
RGB	118, 105, 234
RGB Percent	46%, 41%, 92%
CMY	0.5373, 0.5882, 0.0824
CMYK	0.50, 0.55, 0.00, 0.08
HSL	246°, 75%, 66%
HSV	246°, 55%, 92%
XYZ	27.3741, 19.8952, 80.2393
YIQ	123.5930, -33.6610, 42.8750

Conversions

Conversions Part 2

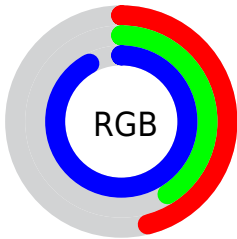
Format	Color
R _Y B	118, 105, 234
Decimal	7760362
CIE Lab	51.72, 38.30, -63.89
CIE LCh	52, 74.497, 300.943
Yxy	19.8952, 0.2147, 0.1560
Android (android.graphics.Color)	4285950442 (0xFF7669EA)
YUV	123.5930, 54.4307, -4.9051
Hunter-Lab	44.6041, 31.4906, -75.4354

Details

The Hex color **7669EA** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **DDEA69**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B19DFF**, and **3839B1** is the 20% darker color. If you saturate the color by 10%, you get **6152EA**, and if you desaturate by 10%, it is **8B80EA**.

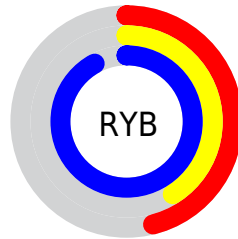
Distribution



Red (46%)

Green (41%)

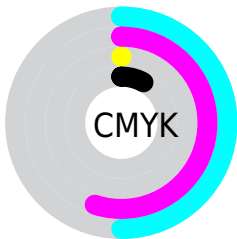
Blue (92%)



Red (46%)

Yellow (41%)

Blue (92%)

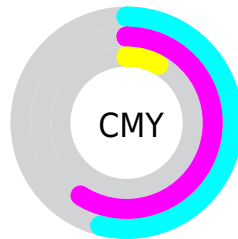


Cyan (50%)

Magenta (55%)

Yellow (0%)

Black (8%)



Cyan (54%)

Magenta (59%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7669EA 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 7669EA by changing the saturation by 10% instead.

 7669EA

 7669EA

FFFFFF

 5851CD

 B19DFF

 3839B1

 CEB8FF

 052396

 ECD3FF

 000E7B

 FFF0FF

 000062

 000749

 000431

 00011B

 000000

 7669EA

 7669EA

 6152EA

 8B80EA

 4C3AEA

 A098EA

 3723EA

 B5AFEA

 220BEA

 CAC7EA

 1800EA

 DFDEEA

 F4F5EA

 FFFFEA

Harmonies

Analogous

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



0083FC



7669EA



C744BA

Triad

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



7669EA



C45F00



00967C

Complementary

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



7669EA



DDEA69

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.



009338



7669EA



947900

Square

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



7669EA



E33B3E



538A00



0096BC

Rectangle

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



7669EA



E12C91



538A00



009665

Sweetspot

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



7669EA



D8D4FF



69DDEA



696680



000000



808080

Same Dimension

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



7669EA



6857FF



B669EA



6B6A75



1200B5



050036

Inverse Universe

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



EA69DD



FF57EE



9DEA69



756A74



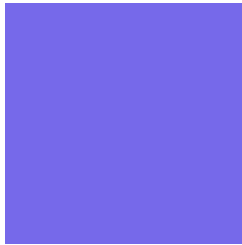
B500A3



360030

Previews

White Background



This preview shows how the Hex color 7669EA looks on a white background.

Color Contrast Check

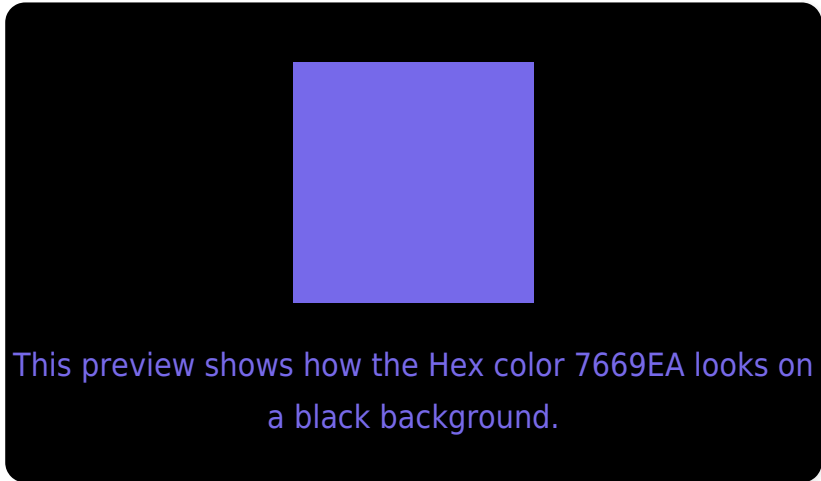
Large Text (above 18pt) WCAG AA ✓ Pass

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

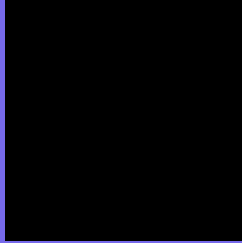
Any Text WCAG AA ✓ Pass

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 7669EA Background



This preview shows how black text looks on a background with the Hex color 7669EA.

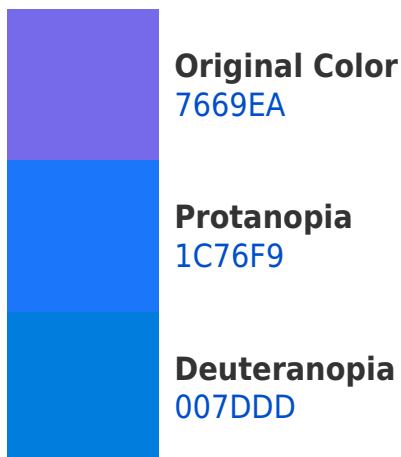



This preview shows how white text looks on a background with the Hex color 7669EA.

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](#).

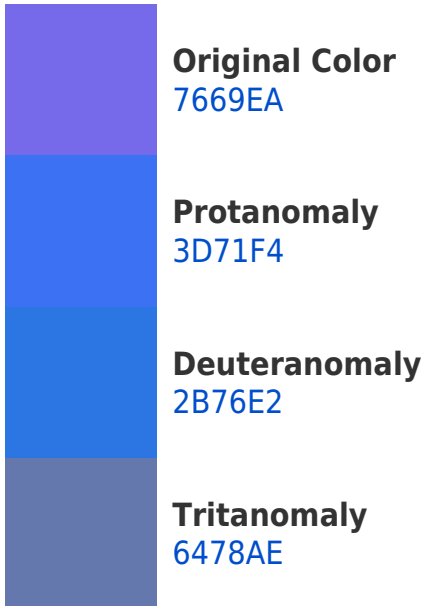
Dichromacy



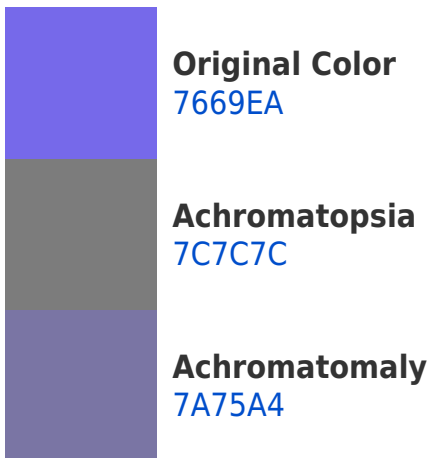


Tritanopia
5A818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7669EA 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 #7669EA looks like.

```
.text, #text, p{  
    color:#7669EA  
}
```

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 #7669EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7669EA
}
```

Border

The CSS property to change the border of an element to Hex 7669EA 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
#7669EA }
```

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

```
.border{ border-color:#7669EA }
```

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

Here you see how a box with a 4 pixel #7669EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7669EA; -webkit-box-shadow:4px 4px  
4px 4px #7669EA; box-shadow:4px 4px 4px  
4px #7669EA }
```

Background

The CSS property to change the background color of an element to Hex 7669EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7669EA }
```

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

```
.background{ background-color:#7669EA }
```

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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