

Converting Colors

Hex(799EE5)

Have a look what the booklet for
Hex(799EE5) contains.

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Color

Hex(799EE5)

Conversions

Conversions Part 1

Format	Color
Hex	799EE5
RGB	121, 158, 229
RGB Percent	47%, 62%, 90%
CMY	0.5255, 0.3804, 0.1020
CMYK	0.47, 0.31, 0.00, 0.10
HSL	219°, 68%, 69%
HSV	219°, 47%, 90%
XYZ	34.2549, 34.1758, 78.9199
YIQ	155.0310, -44.8430, 14.2370

Conversions

Conversions Part 2

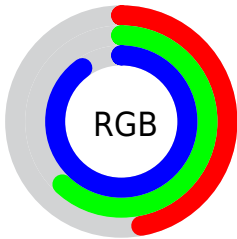
Format	Color
R _Y B	121, 149, 229
Decimal	7970533
CIE Lab	65.10, 6.24, -39.82
CIE LCh	65, 40.310, 278.910
Yxy	34.1758, 0.2325, 0.2319
Android (android.graphics.Color)	4286160613 (0xFF799EE5)
YUV	155.0310, 36.4667, -29.8452
Hunter-Lab	58.4601, 2.2875, -39.1182

Details

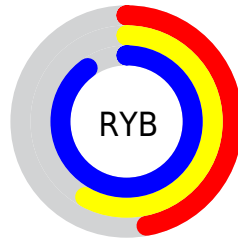
The Hex color **799EE5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E5C079**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B2D4FF**, and **406BAD** is the 20% darker color. If you saturate the color by 10%, you get **628FE5**, and if you desaturate by 10%, it is **90ADE5**.

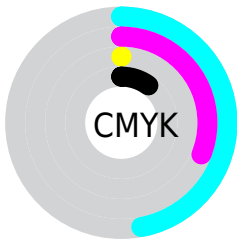
Distribution



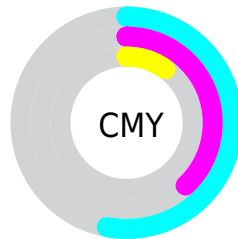
- Red (47%)
- Green (62%)
- Blue (90%)



- Red (47%)
- Yellow (58%)
- Blue (90%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)



- Cyan (53%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799EE5 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 799EE5 by changing the saturation by 10% instead.

■ 799EE5

FFFFFF

■ B2D4FF

■ CFF1FF

■ ECFFFF

■ 799EE5

■ 5D84C9

■ 406BAD

■ 1E5392

■ 003C78

■ 00275F

■ 001347

■ 000430

■ 00011A

■ 000000

■ 799EE5

■ 799EE5

■ 628FE5

■ 90ADE5

■ 4B80E5

■ A7BCE5

■ 3471E5

■ BECBE5

■ 1D62E5

■ D5DAE5

■ 0653E5

■ ECE9E5

■ 004EE5

■ FFF8E5

■ FFFFE5

Harmonies

Analogous

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



29A9E1



799EE5



B091D6

Triad

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



799EE5



DF8772



54AF83

Complementary

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



799EE5



E5C079

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.



83A964



799EE5



CA935B

Square

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



799EE5



E38194



AA9F55



00B1A8

Rectangle

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



799EE5



CA88C4



AA9F55



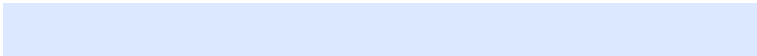
65AD77

Sweetspot

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



799EE5



DBE8FF



79E5BF



6A7180



000000



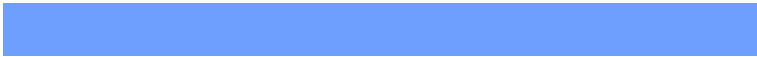
808080

Same Dimension

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



799EE5



6E9FFF



8979E5



676B73



003DB3



001133

Inverse Universe

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



E5799E



FF6E9F



D5E579



73676B



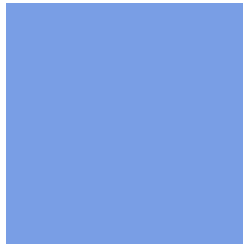
B3003D



330011

Previews

White Background



This preview shows how the Hex color 799EE5 looks on a white background.

Color Contrast Check

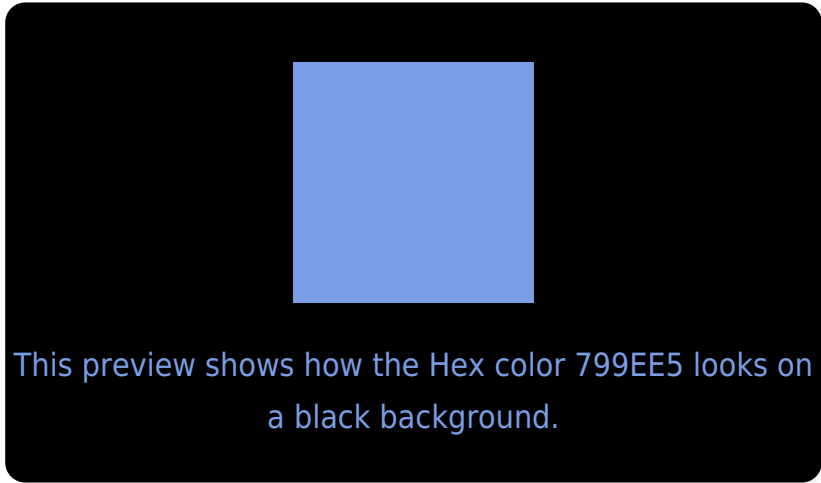
Large Text (above 18pt) WCAG AA × Fail

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

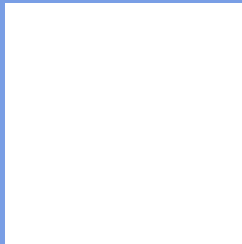
Any Text WCAG AAA ✓ Pass

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

Hex 799EE5 Background



This preview shows how black text looks on a background with the Hex color 799EE5.



This preview shows how white text looks on a background with the Hex color 799EE5.

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
799EE5

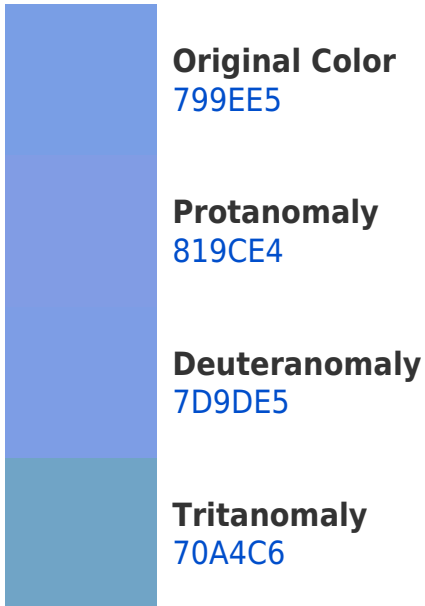
Protanopia
869BE3

Deuteranopia
809CE5

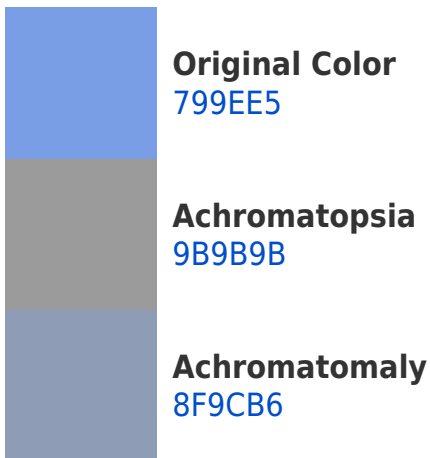


Tritanopia
6BA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 799EE5 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 #799EE5 looks like.

```
.text, #text, p{  
    color:#799EE5  
}
```

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 #799EE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799EE5
}
```

Border

The CSS property to change the border of an element to Hex 799EE5 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
#799EE5 }
```

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

```
.border{ border-color:#799EE5 }
```

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

Here you see how a box with a 4 pixel #799EE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799EE5; -webkit-box-shadow:4px 4px  
4px 4px #799EE5; box-shadow:4px 4px 4px  
4px #799EE5 }
```

Background

The CSS property to change the background color of an element to Hex 799EE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799EE5 }
```

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

```
.background{ background-color:#799EE5 }
```

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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