

Converting Colors

Hex(799DBE)

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

Hex(799DBE)	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(799DBE)

Conversions

Conversions Part 1

Format	Color
Hex	799DBE
RGB	121, 157, 190
RGB Percent	47%, 62%, 75%
CMY	0.5255, 0.3843, 0.2549
CMYK	0.36, 0.17, 0.00, 0.25
HSL	209°, 35%, 61%
HSV	209°, 36%, 75%
XYZ	29.2364, 31.8966, 53.3309
YIQ	149.9980, -32.0490, 2.6310

Conversions

Conversions Part 2

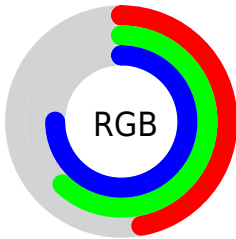
Format	Color
R _Y B	121, 145, 190
Decimal	7970238
CIE Lab	63.26, -4.11, -21.00
CIE LCh	63, 21.401, 258.935
Yxy	31.8966, 0.2554, 0.2787
Android (android.graphics.Color)	4286160318 (0xFF799DBE)
YUV	149.9980, 19.7210, -25.4312
Hunter-Lab	56.4771, -6.4311, -16.4532

Details

The Hex color **799DBE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BE9A79**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **AFD3F6**, and **456A89** is the 20% darker color. If you saturate the color by 10%, you get **6694BE**, and if you desaturate by 10%, it is **8CA6BE**.

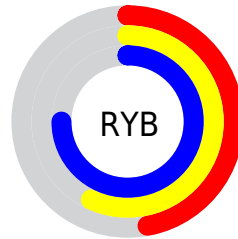
Distribution



Red (47%)

Green (62%)

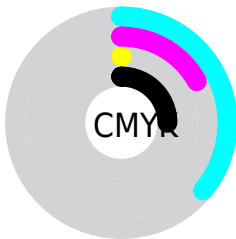
Blue (75%)



Red (47%)

Yellow (57%)

Blue (75%)

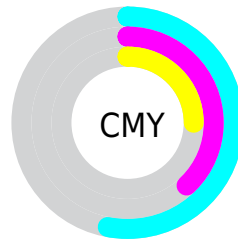


Cyan (36%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

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

 799DBE

 799DBE

FFFFFF

 5F83A3

 AFD3F6

 456A89

 CBF0FF

 2B526F

 E8FFFF

 0D3B57

 00253F

 001029

 000114

 000000

 799DBE

 799DBE

■ 6694BE

■ 8CA6BE

■ 538BBE

■ 9FAFB

■ 4082BE

■ B2B8BE

■ 2D79BE

■ C5C1BE

■ 1A70BE

■ D8CABE

■ 0766BE

■ EBD4BE

■ 0063BE

■ FEDDBE

■ FFE6BE

■ FFEFBE

Harmonies

Analogous

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



66A2B5



799DBE



9397BD

Triad

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



799DBE



C08C8E



85A180

Complementary

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



799DBE



BE9A79

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.



9B9C75



799DBE



BB8F7D

Square

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



799DBE



BB8CA1



AE9574



71A391

Rectangle

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



799DBE



A392B7



AE9574



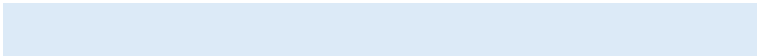
8C9F7B

Sweetspot

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



799DBE



DCEAF7



79BE99



6D757D



FCFCFC



7D7D7D

Same Dimension

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



799DBE



8BC3F7



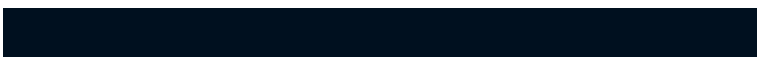
797BBE



555A5E



00529E



00101F

Inverse Universe

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



BE799D



F78BC3



BEBC79



5E555A



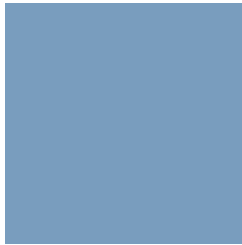
9E0052



1F0010

Previews

White Background



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

Color Contrast Check

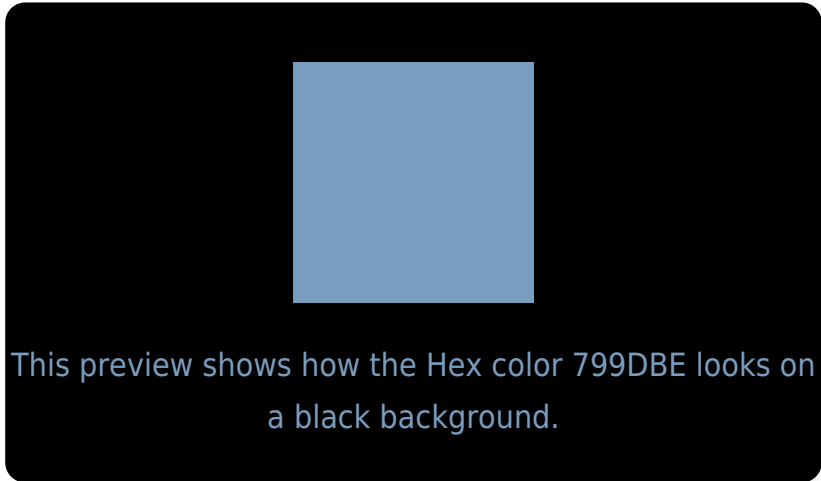
Large Text (above 18pt) WCAG AA × Fail

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

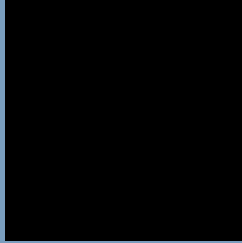
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

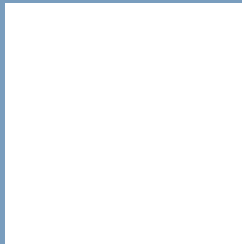
Any Text WCAG AAA ✓ Pass

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

Hex 799DBE Background



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

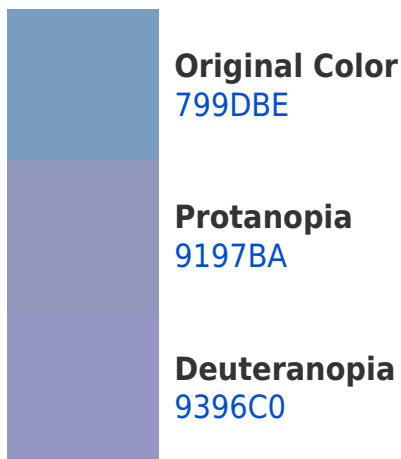


This preview shows how white text looks on a background with the Hex color 799DBE.

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](#).

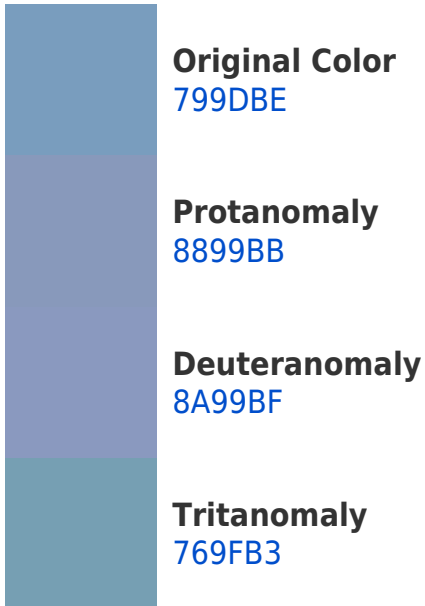
Dichromacy



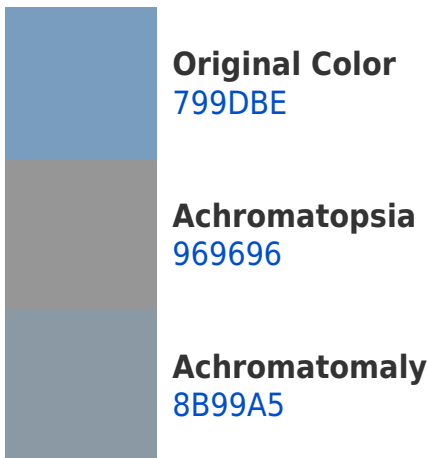


Tritanopia
75A0AD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #799DBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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