

# Converting Colors

Hex(298DCE)

Have a look what the booklet for  
Hex(298DCE) contains.

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# Color

**Hex(298DCE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	298DCE
RGB	41, 141, 206
RGB Percent	16%, 55%, 81%
CMY	0.8392, 0.4471, 0.1922
CMYK	0.80, 0.32, 0.00, 0.19
HSL	204°, 67%, 48%
HSV	204°, 80%, 81%
XYZ	21.5799, 23.9774, 61.8832
YIQ	118.5100, -80.4650, -0.9850

# Conversions

## Conversions Part 2

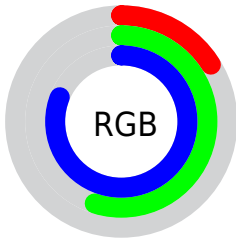
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 103, 206
Decimal	2723278
CIE <sub>Lab</sub>	56.07, -5.60, -41.42
CIE <sub>LCh</sub>	56, 41.793, 262.303
Yxy	23.9774, 0.2009, 0.2232
Android (android.graphics.Color)	4280913358 (0xFF298DCE)
YUV	118.5100, 43.1326, -67.9763
Hunter-Lab	48.9667, -7.0258, -40.6529

# Details

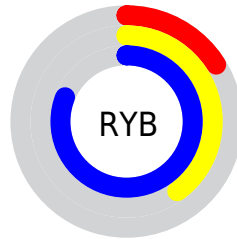
The Hex color **298DCE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CE6A29**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **70C2FF**, and **005B97** is the 20% darker color. If you saturate the color by 10%, you get **1485CE**, and if you desaturate by 10%, it is **3E95CE**.

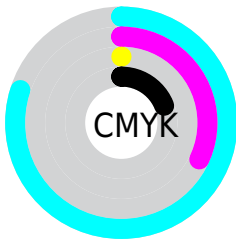
# Distribution



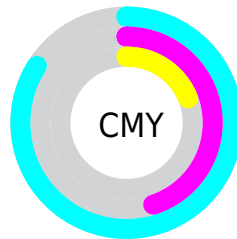
- Red (16%)
- Green (55%)
- Blue (81%)



- Red (16%)
- Yellow (40%)
- Blue (81%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (45%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 298DCE 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 298DCE by changing the saturation by 10% instead.



 298DCE

 298DCE

FFFFFF

 0074B2

 70C2FF

 005B97

 8FDEFF

 00447D

 ADFBFF

 002E64

 CBFFFF

 001A4B

 EAFFFF

 000434

 00021E

 000000

 298DCE

 298DCE

■ 1485CE

■ 3E95CE

■ 007DCE

■ 529DCE

■ 67A5CE

■ 7BADCE

■ 90B6CE

■ A5BECE

■ B9C6CE

■ CECECE

■ E2D6CE

# Harmonies

## Analogous

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



0095BF



298DCE



7A81CA

# Triad

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



298DCE



CB6A6D



569458

# Complementary

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



298DCE



CE6A29

# 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.



818D41



298DCE



BE744E

# Square

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



298DCE



C56991



A4813D



00987B

# Rectangle

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



298DCE



9D77BC



A4813D



66924F

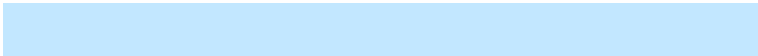


# Sweetspot

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



298DCE



C2E7FF



29CE68



5B7180



000000



808080

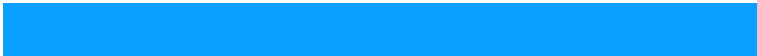


# Same Dimension

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



298DCE



0A9FFF



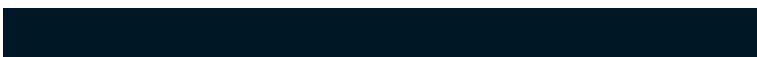
293CCE



5C6266



0064A6



001726



# Inverse Universe

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



CE298D



FF0A9F



CEBB29



665C62



A60064



260017



# Previews

## White Background



This preview shows how the Hex color 298DCE looks on a white background.

## Color Contrast Check

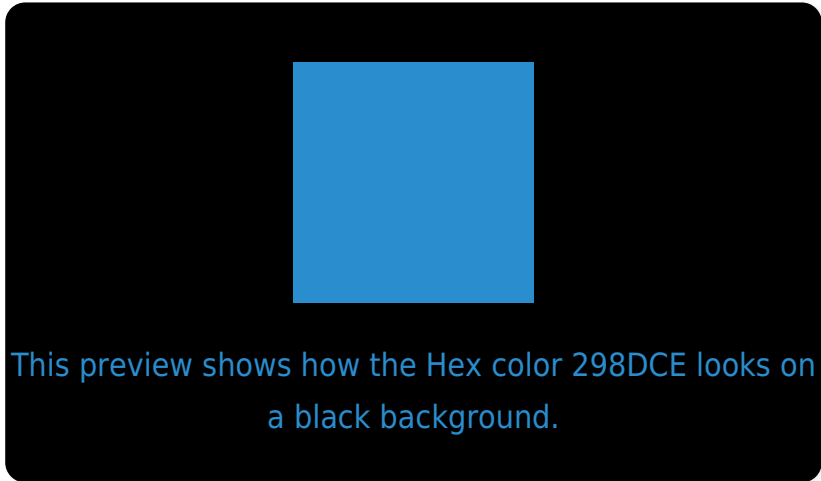
Large Text (above 18pt) WCAG AA ✓ Pass

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

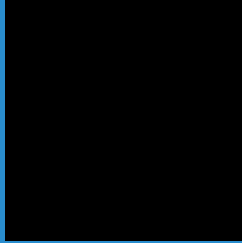
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

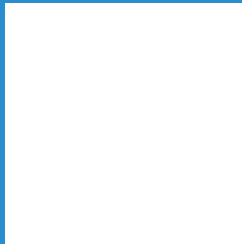
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 298DCE Background



This preview shows how black text looks on a background with the Hex color 298DCE.

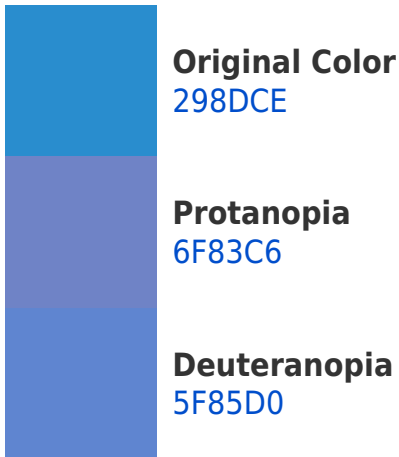


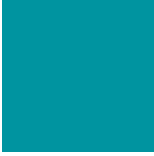
This preview shows how white text looks on a background with the Hex color 298DCE.

# 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](#).

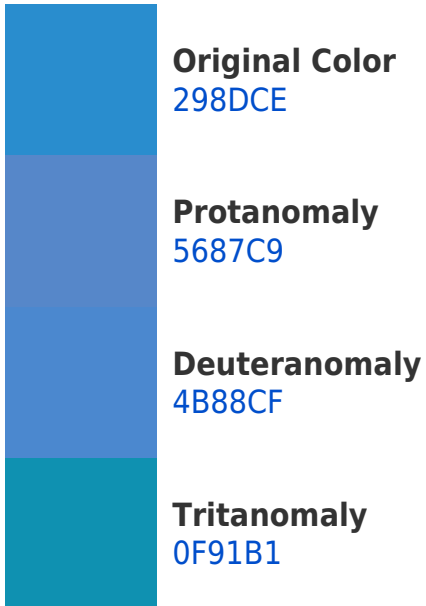
## Dichromacy



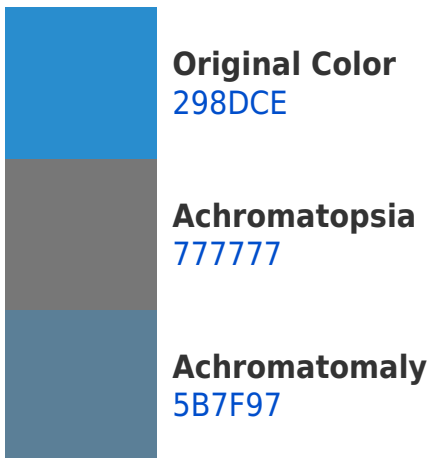


**Tritanopia**  
0094A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 298DCE 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 #298DCE looks like.

```
.text, #text, p{  
    color:#298DCE  
}
```

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 #298DCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298DCE
}
```

## Border

The CSS property to change the border of an element to Hex 298DCE 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
#298DCE }
```

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

```
.border{ border-color:#298DCE }
```

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

Here you see how a box with a 4 pixel #298DCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298DCE; -webkit-box-shadow:4px 4px  
4px 4px #298DCE; box-shadow:4px 4px 4px  
4px #298DCE }
```

# Background

The CSS property to change the background color of an element to Hex 298DCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298DCE }
```

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

```
.background{ background-color:#298DCE }
```

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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