

# Converting Colors

Hex(2659DC)

Have a look what the booklet for  
Hex(2659DC) contains.

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# Color

Hex(2659DC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2659DC
RGB	38, 89, 220
RGB Percent	15%, 35%, 86%
CMY	0.8510, 0.6510, 0.1373
CMYK	0.83, 0.60, 0.00, 0.14
HSL	223°, 72%, 51%
HSV	223°, 83%, 86%
XYZ	17.2900, 12.7241, 69.2549
YIQ	88.6850, -72.4470, 29.9290

# Conversions

## Conversions Part 2

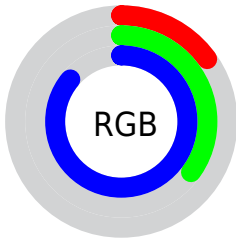
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	38, 78, 220
Decimal	2513372
CIE Lab	42.34, 31.82, -71.41
CIE LCh	42, 78.174, 294.019
Yxy	12.7241, 0.1742, 0.1282
Android (android.graphics.Color)	4280703452 (0xFF2659DC)
YUV	88.6850, 64.7383, -44.4507
Hunter-Lab	35.6709, 24.0963, -90.1416

# Details

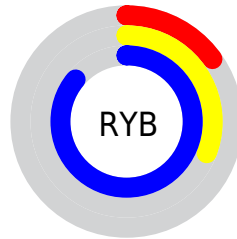
The Hex color **2659DC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DCA926**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **738AFF**, and **002DA4** is the 20% darker color. If you saturate the color by 10%, you get **1049DC**, and if you desaturate by 10%, it is **3C69DC**.

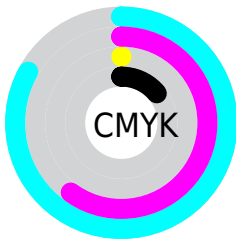
# Distribution



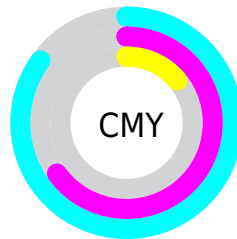
- Red (15%)
- Green (35%)
- Blue (86%)



- Red (15%)
- Yellow (31%)
- Blue (86%)



- Cyan (83%)
- Magenta (60%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (65%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2659DC 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 2659DC by changing the saturation by 10% instead.



 2659DC

 2659DC

FFFFFF

 0042C0

 738AFF

 002DA4

 93A5FF

 001A89

 B2C0FF

 00036E

 D1DBFF

 000C55

 F0F8FF

 00063D

 000326

 00010F

 000000

■ 2659DC

■ 2659DC

■ 1049DC

■ 3C69DC

■ 003EDC

■ 5279DC

■ 6889DC

■ 7E98DC

■ 94A8DC

■ AAB8DC

■ C0C8DC

■ D6D8DC

■ ECE8DC

# Harmonies

## Analogous

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



0071E7



2659DC



A22DB1

# Triad

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



2659DC



B33C00



007D55

# Complementary

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



2659DC



DCA926

# 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.



007901



2659DC



855D00

# Square

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



2659DC



CD0035



487000



007E97

# Rectangle

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



2659DC



C20089



487000



007C3E



# Sweetspot

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



2659DC



BFD1FF



26DCA8



596480



000000



808080



# Same Dimension

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



2659DC



0349FF



4D26DC



63666E



0031AD



000D2E



# Inverse Universe

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



DC2659



FF0349



B5DC26



6E6366



AD0031



2E000D



# Previews

## White Background



This preview shows how the Hex color 2659DC looks on a white background.

## Color Contrast Check

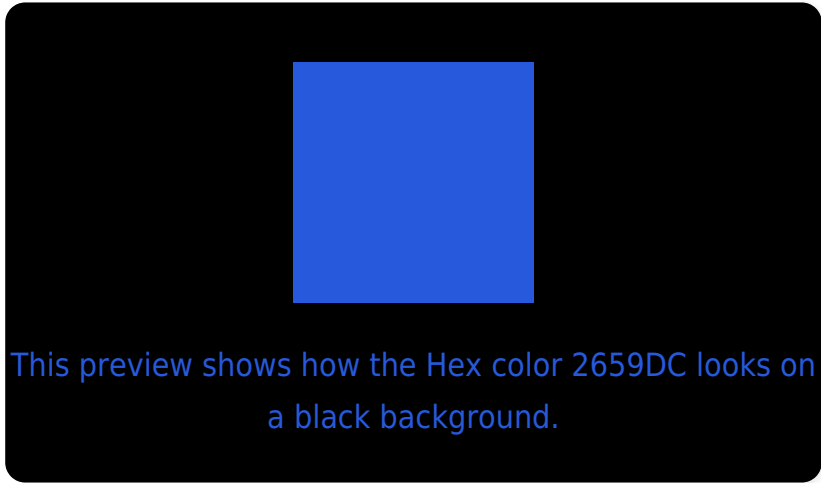
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

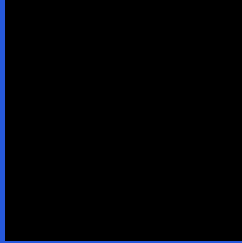
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2659DC Background



This preview shows how black text looks on a background with the Hex color 2659DC.



This preview shows how white text looks on a background with the Hex color 2659DC.

# 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](#).

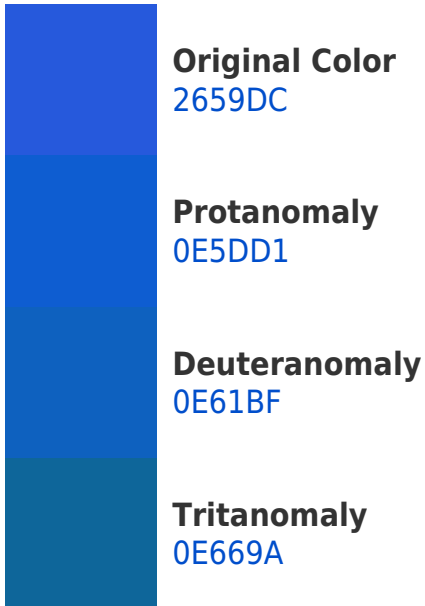
## Dichromacy





**Tritanopia**  
006E75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2659DC 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 #2659DC looks like.

```
.text, #text, p{  
    color:#2659DC  
}
```

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 #2659DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2659DC
}
```

## Border

The CSS property to change the border of an element to Hex 2659DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

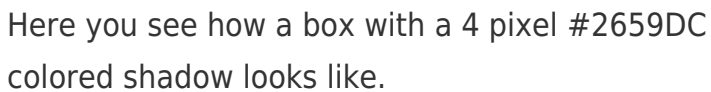
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2659DC }
```

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

```
.border{ border-color:#2659DC }
```

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



Here you see how a box with a 4 pixel #2659DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2659DC; -webkit-box-shadow:4px 4px  
4px 4px #2659DC; box-shadow:4px 4px 4px  
4px #2659DC }
```

# Background

The CSS property to change the background color of an element to Hex 2659DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2659DC }
```

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

```
.background{ background-color:#2659DC }
```

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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