

# Converting Colors

Hex(2696BF)

Have a look what the booklet for  
Hex(2696BF) contains.

<b>Hex(2696BF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2696BF)

# Conversions

## Conversions Part 1

Format	Color
Hex	2696BF
RGB	38, 150, 191
RGB Percent	15%, 59%, 75%
CMY	0.8510, 0.4118, 0.2510
CMYK	0.80, 0.21, 0.00, 0.25
HSL	196°, 67%, 45%
HSV	196°, 80%, 75%
XYZ	21.1096, 25.9863, 53.1935
YIQ	121.1860, -79.9130, -10.9930

# Conversions

## Conversions Part 2

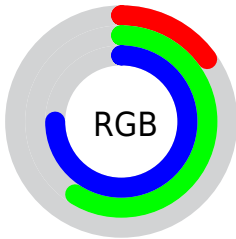
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 103, 191
Decimal	2528959
CIE <sub>Lab</sub>	58.02, -16.27, -29.89
CIE <sub>LCh</sub>	58, 34.033, 241.435
Yxy	25.9863, 0.2105, 0.2591
Android (android.graphics.Color)	4280719039 (0xFF2696BF)
YUV	121.1860, 34.4183, -72.9541
Hunter-Lab	50.9768, -15.2920, -26.1844

# Details

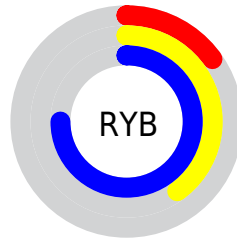
The Hex color **2696BF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF4F26**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6DCCF8**, and **006389** is the 20% darker color. If you saturate the color by 10%, you get **1391BF**, and if you desaturate by 10%, it is **399BBF**.

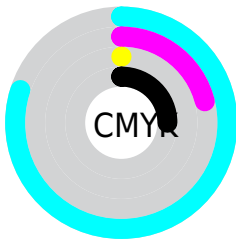
# Distribution



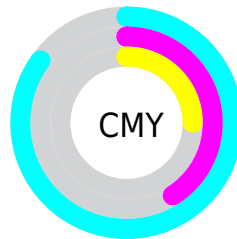
- Red (15%)
- Green (59%)
- Blue (75%)



- Red (15%)
- Yellow (40%)
- Blue (75%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (85%)
- Magenta (41%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2696BF 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 2696BF by changing the saturation by 10% instead.



 2696BF

 2696BF

FFFFFF

 007CA4

 6DCCF8

 006389

 8BE8FF

 004B70

 A9FFFF

 003457

 C7FFFF

 002040

 E5FFFF

 00032A

 000114

 000000

 2696BF

 2696BF

■ 1391BF

■ 399BBF

■ 008CBF

■ 4CA0BF

■ 5FA5BF

■ 72AABF

■ 85B0BF

■ 99B5BF

■ ACBABF

■ BFBFBF

■ D2C4BF

# Harmonies

## Analogous

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



009AA9



2696BF



618EC7

# Triad

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



2696BF



C3748B



7E9357

# Complementary

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



2696BF



BF4F26

# 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.



9D8A4F



2696BF



C4776E

# Square

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



2696BF



B279A8



B68058



5A996E

# Rectangle

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



2696BF



8287C3



B68058



899053

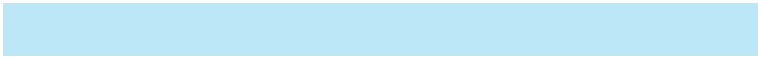


# Sweetspot

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



2696BF



BCE7F7



26BF4F



59737D



FCFCFC



7D7D7D



# Same Dimension

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



2696BF



0AB8F7



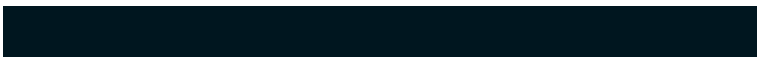
264ABF



555C5E



00749E



00161F



# Inverse Universe

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



BF2696



F70AB8



BF9B26



5E555C



9E0074



1F0016



# Previews

## White Background



This preview shows how the Hex color 2696BF looks on a white background.

### Color Contrast Check

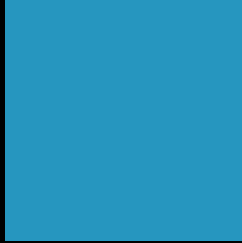
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 2696BF looks on a 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 2696BF Background



This preview shows how black text looks on a background with the Hex color 2696BF.

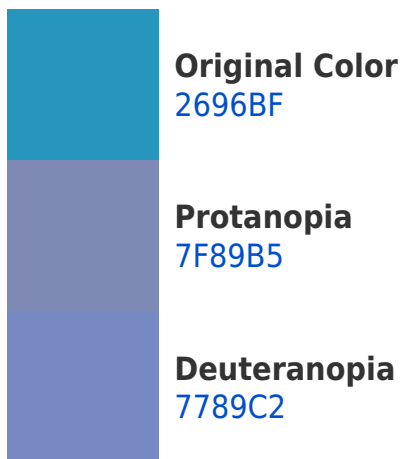


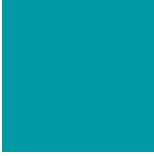
This preview shows how white text looks on a background with the Hex color 2696BF.

# 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](#).

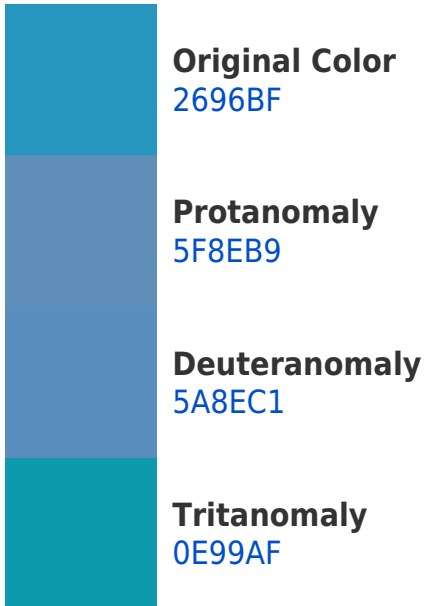
## Dichromacy





**Tritanopia**  
009AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2696BF 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 #2696BF looks like.

```
.text, #text, p{  
    color:#2696BF  
}
```

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 #2696BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2696BF
}
```

## Border

The CSS property to change the border of an element to Hex 2696BF 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
#2696BF }
```

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

```
.border{ border-color:#2696BF }
```

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

Here you see how a box with a 4 pixel #2696BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2696BF; -webkit-box-shadow:4px 4px  
4px 4px #2696BF; box-shadow:4px 4px 4px  
4px #2696BF }
```

# Background

The CSS property to change the background color of an element to Hex 2696BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2696BF }
```

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

```
.background{ background-color:#2696BF }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor