

# Converting Colors

Hex(2689C8)

Have a look what the booklet for  
Hex(2689C8) contains.

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# Color

Hex(2689C8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2689C8
RGB	38, 137, 200
RGB Percent	15%, 54%, 78%
CMY	0.8510, 0.4627, 0.2157
CMYK	0.81, 0.32, 0.00, 0.22
HSL	203°, 68%, 47%
HSV	203°, 81%, 78%
XYZ	20.1703, 22.4735, 57.9183
YIQ	114.5810, -79.2270, -1.3950

# Conversions

## Conversions Part 2

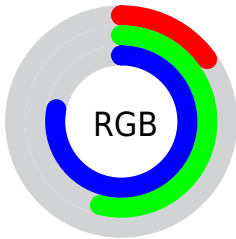
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">38, 99, 200</a>
Decimal	<a href="#">2525640</a>
CIELab	<a href="#">54.53, -5.75, -40.45</a>
CIELCh	<a href="#">55, 40.861, 261.905</a>
Yxy	<a href="#">22.4735, 0.2006, 0.2235</a>
Android (android.graphics.Color)	<a href="#">4280715720 (0xFF2689C8)</a>
YUV	<a href="#">114.5810, 42.1116, -67.1615</a>
Hunter-Lab	<a href="#">47.4062, -7.0131, -39.2529</a>

# Details

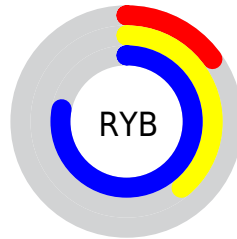
The Hex color **2689C8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C86526**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6DBEFF**, and **005892** is the 20% darker color. If you saturate the color by 10%, you get **1281C8**, and if you desaturate by 10%, it is **3A91C8**.

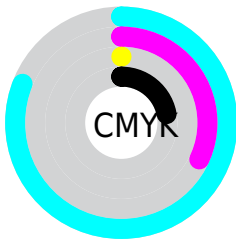
# Distribution



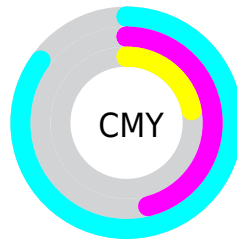
- Red (15%)
- Green (54%)
- Blue (78%)



- Red (15%)
- Yellow (39%)
- Blue (78%)



- Cyan (81%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (46%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2689C8 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 2689C8 by changing the saturation by 10% instead.



 2689C8

 2689C8

FFFFFF

 0070AC

 6DBEFF

 005892

 8CDAFF

 004078

 AAF6FF

 002B5E

 C8FFFF

 001746

 E6FFFF

 00042F

 00011A

 000000

 2689C8

 2689C8

■ 1281C8

■ 3A91C8

■ 007AC8

■ 4E99C8

■ 62A0C8

■ 76A8C8

■ 8AB0C8

■ 9EB8C8

■ B2BFC8

■ C6C7C8

■ DACFC8

# Harmonies

## Analogous

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



0091B9



2689C8



767DC4

# Triad

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



2689C8



C5666A



549055

# Complementary

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



2689C8



C86526

# 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.



7E883E



2689C8



B9704C

# Square

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



2689C8



BF668E



A07D3B



009477

# Rectangle

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



2689C8



9874B7



A07D3B



638E4C

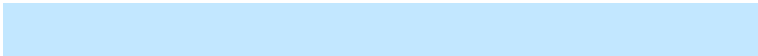


# Sweetspot

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



2689C8



C2E7FF



26C864



5B7180



000000



808080

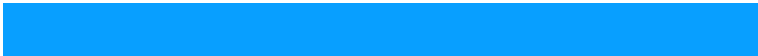


# Same Dimension

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



2689C8



089FFF



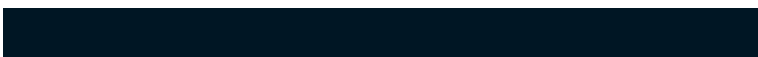
2639C8



5A6063



0064A3



001624



# Inverse Universe

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



C82689



FF089F



C8B526



635A60



A30064



240016



# Previews

## White Background



This preview shows how the Hex color 2689C8 looks on a white background.

## Color Contrast Check

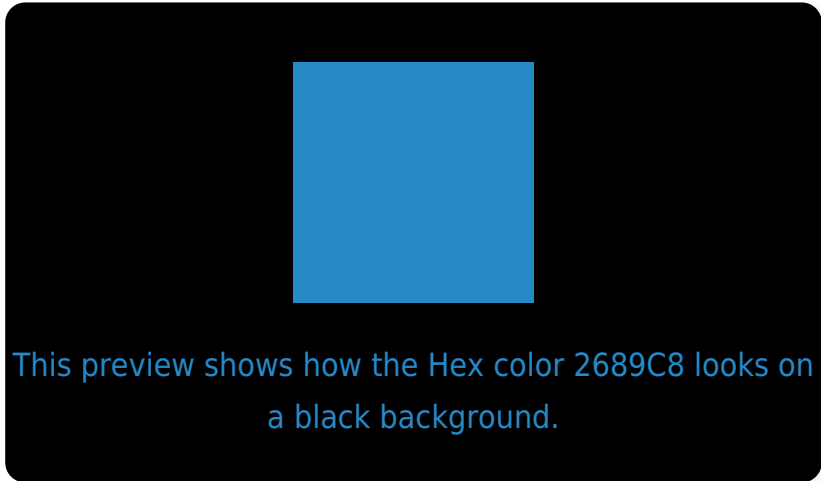
Large Text (above 18pt) WCAG AA ✓ Pass

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

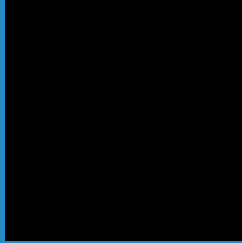
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2689C8 Background



This preview shows how black text looks on a background with the Hex color 2689C8.

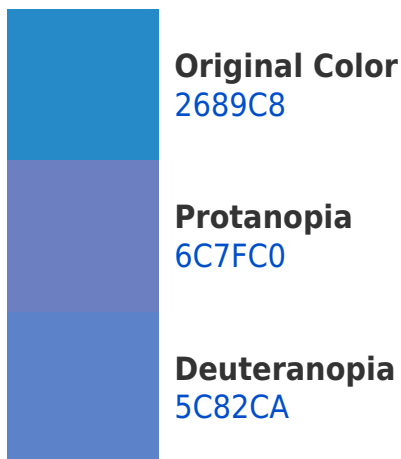


This preview shows how white text looks on a background with the Hex color 2689C8.

# 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](#).

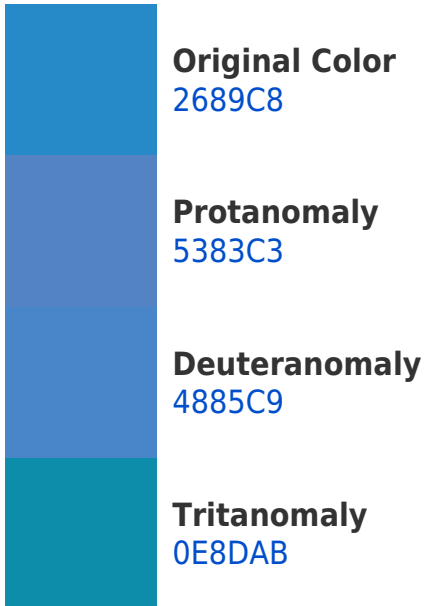
## Dichromacy





**Tritanopia**  
00909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2689C8 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 #2689C8 looks like.

```
.text, #text, p{  
    color:#2689C8  
}
```

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 #2689C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2689C8
}
```

## Border

The CSS property to change the border of an element to Hex 2689C8 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
#2689C8 }
```

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

```
.border{ border-color:#2689C8 }
```

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

Here you see how a box with a 4 pixel #2689C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2689C8; -webkit-box-shadow:4px 4px  
4px 4px #2689C8; box-shadow:4px 4px 4px  
4px #2689C8 }
```

# Background

The CSS property to change the background color of an element to Hex 2689C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2689C8 }
```

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

```
.background{ background-color:#2689C8 }
```

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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