

# Converting Colors

Hex(21669F)

Have a look what the booklet for  
Hex(21669F) contains.

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# Color

**Hex(21669F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	21669F
RGB	33, 102, 159
RGB Percent	13%, 40%, 62%
CMY	0.8706, 0.6000, 0.3765
CMYK	0.79, 0.36, 0.00, 0.38
HSL	207°, 66%, 38%
HSV	207°, 79%, 62%
XYZ	11.6366, 12.3293, 34.5674
YIQ	87.8670, -59.4210, 3.0990

# Conversions

## Conversions Part 2

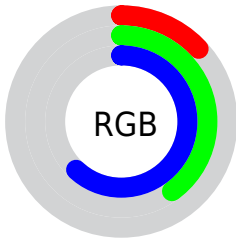
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 78, 159
Decimal	2188959
CIE <sub>Lab</sub>	41.73, -0.58, -36.89
CIE <sub>LCh</sub>	42, 36.899, 269.096
Yxy	12.3293, 0.1988, 0.2106
Android (android.graphics.Color)	4280379039 (0xFF21669F)
YUV	87.8670, 35.0686, -48.1184
Hunter-Lab	35.1131, -2.2924, -33.7894

# Details

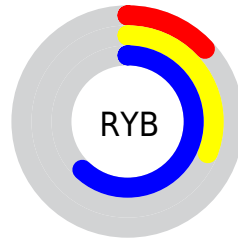
The Hex color **21669F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F5A21**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6199D6**, and **00386B** is the 20% darker color. If you saturate the color by 10%, you get **115F9F**, and if you desaturate by 10%, it is **316D9F**.

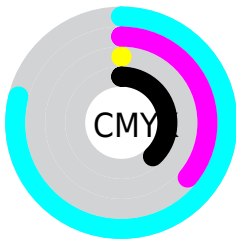
# Distribution



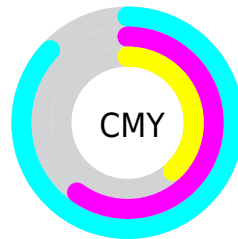
- Red (13%)
- Green (40%)
- Blue (62%)



- Red (13%)
- Yellow (31%)
- Blue (62%)



- Cyan (79%)
- Magenta (36%)
- Yellow (0%)
- Black (38%)



- Cyan (87%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21669F 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 21669F by changing the saturation by 10% instead.



■ 21669F

■ 21669F

FFFFFF

■ 004E85

■ 6199D6

■ 00386B

■ 7EB3F3

■ 002352

■ 9BCFFF

■ 000C3B

■ B8EBFF

■ 000225

■ D5FFFF

■ 00010D

■ F3FFFF

■ 000000

■ 21669F

■ 21669F

■ 115F9F

■ 316D9F

■ 01589F

■ 41749F

■ 00579F

■ 517C9F

■ 61839F

■ 718A9F

■ 80919F

■ 90989F

■ A0A09F

■ B0A79F

# Harmonies

## Analogous

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



006E96



21669F



625B98

# Triad

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



21669F



9A4B47



2E6F42

# Complementary

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



21669F



9F5A21

# 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.



56692B



21669F



8C552F

# Square

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



21669F



994865



746123



007161

# Rectangle

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



21669F



7D538A



746123



3D6D39



# Sweetspot

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



21669F



9DB8CF



219F5A



4A5B69



E8E8E8



696969



# Same Dimension

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



21669F



0A76CF



21279F



474B4F



004E8F



00080F



# Inverse Universe

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



9F2166



CF0A76



9F9921



4F474B



8F004E



0F0008



# Previews

## White Background



This preview shows how the Hex color 21669F looks on a white background.

## Color Contrast Check

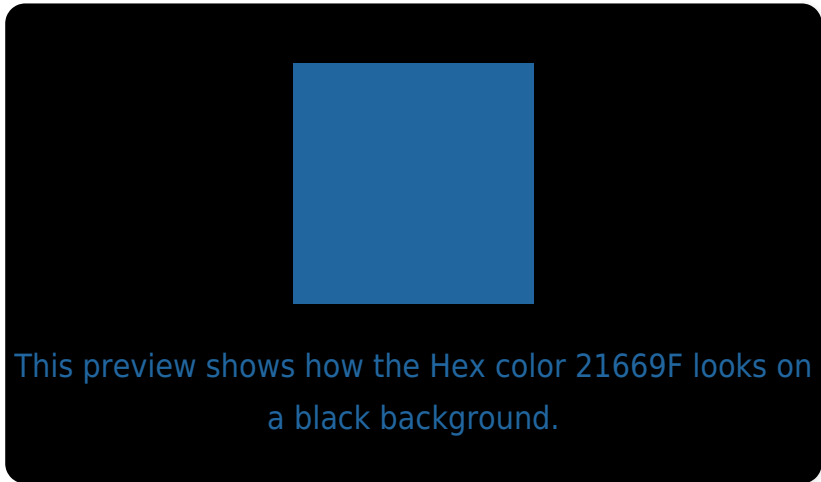
Large Text (above 18pt) WCAG AA ✓ Pass

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

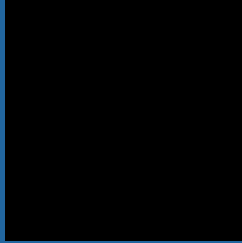
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 21669F Background



This preview shows how black text looks on a background with the Hex color 21669F.

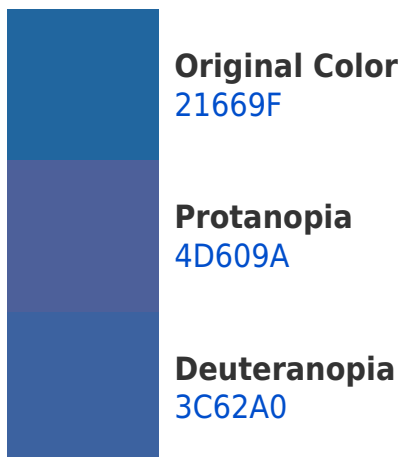


This preview shows how white text looks on a background with the Hex color 21669F.

# 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](#).

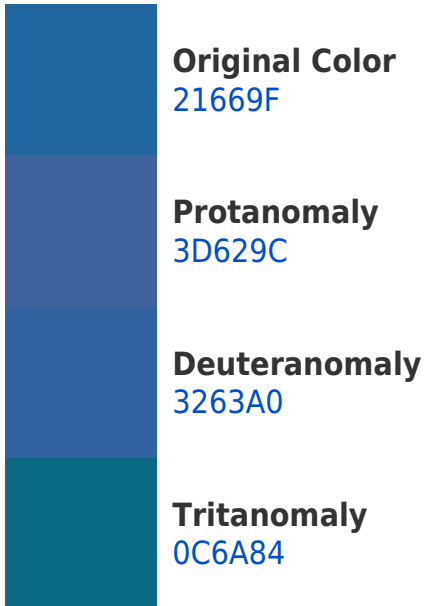
## Dichromacy





**Tritanopia**  
006D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21669F 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 #21669F looks like.

```
.text, #text, p{  
    color:#21669F  
}
```

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 #21669F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21669F
}
```

## Border

The CSS property to change the border of an element to Hex 21669F 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
#21669F }
```

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

```
.border{ border-color:#21669F }
```

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

Here you see how a box with a 4 pixel #21669F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21669F; -webkit-box-shadow:4px 4px  
4px 4px #21669F; box-shadow:4px 4px 4px  
4px #21669F }
```

# Background

The CSS property to change the background color of an element to Hex 21669F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21669F }
```

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

```
.background{ background-color:#21669F }
```

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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