

# Converting Colors

Hex(13668F)

Have a look what the booklet for  
Hex(13668F) contains.

<b>Hex(13668F)</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(13668F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	13668F
RGB	19, 102, 143
RGB Percent	7%, 40%, 56%
CMY	0.9255, 0.6000, 0.4392
CMYK	0.87, 0.29, 0.00, 0.44
HSL	200°, 77%, 32%
HSV	200°, 87%, 56%
XYZ	9.9779, 11.6244, 27.7044
YIQ	81.8570, -62.6290, -4.8450

# Conversions

## Conversions Part 2

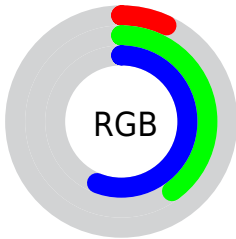
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 69, 143
Decimal	1271439
CIE <sub>Lab</sub>	40.61, -8.15, -29.13
CIE <sub>LCh</sub>	41, 30.245, 254.363
Yxy	11.6244, 0.2024, 0.2358
Android (android.graphics.Color)	4279461519 (0xFF13668F)
YUV	81.8570, 30.1435, -55.1256
Hunter-Lab	34.0945, -7.4269, -24.3116

# Details

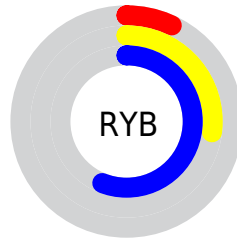
The Hex color **13668F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F3C13**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5799C5**, and **00375C** is the 20% darker color. If you saturate the color by 10%, you get **05618F**, and if you desaturate by 10%, it is **216B8F**.

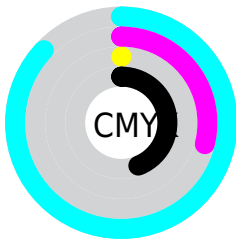
# Distribution



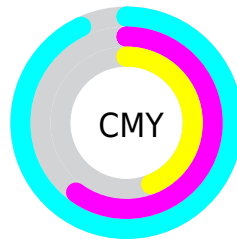
- Red (7%)
- Green (40%)
- Blue (56%)



- Red (7%)
- Yellow (27%)
- Blue (56%)



- Cyan (87%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (93%)
- Magenta (60%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13668F 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 13668F by changing the saturation by 10% instead.



■ 13668F

■ 13668F

FFFFFF

■ 004E75

■ 5799C5

■ 00375C

■ 74B4E1

■ 002245

■ 90CFFE

■ 00082E

■ ADEBFF

■ 000119

■ CAFFFF

■ 000000

■ E7FFFF

■ 13668F

■ 13668F

■ 05618F

■ 216B8F

00608F

306F8F

3E748F

4C798F

5B7E8F

69828F

77878F

858C8F

94918F

# Harmonies

## Analogous

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



006B82



13668F



4D5E90

# Triad

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



13668F



8F4C55



48683B

# Complementary

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



13668F



8F3C13

# 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.



63622E



13668F



8A513E

# Square

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



13668F



874D6E



7A5A30



246C52

# Rectangle

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



13668F



675889



7A5A30



526636



# Sweetspot

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



13668F



8AAABA



138F3A



41555E



DEDEDE



5E5E5E



# Same Dimension

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



13668F



007DBA



132A8F



404547



005A87



000508



# Inverse Universe

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



8F1366



BA007D



8F7813



474045



87005A



080005



# Previews

## White Background



This preview shows how the Hex color 13668F looks on a white background.

### Color Contrast Check

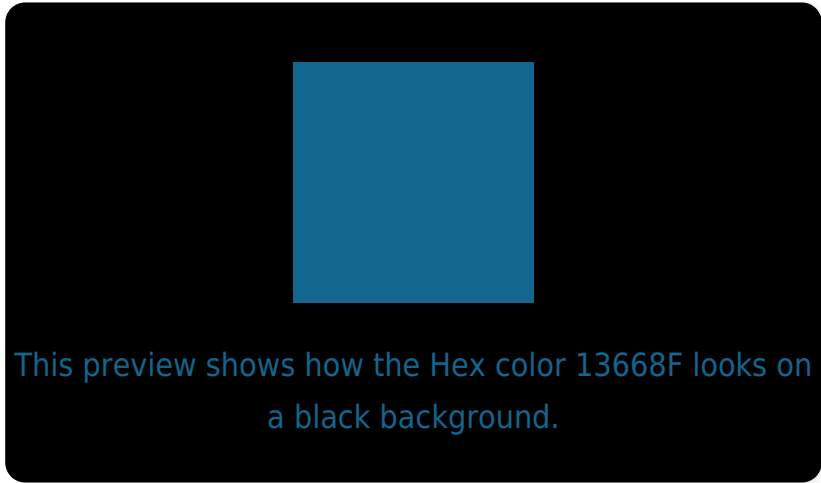
Large Text (above 18pt) WCAG AA ✓ Pass

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

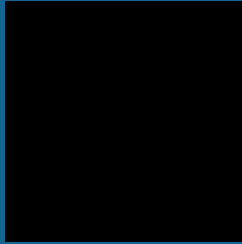
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 13668F Background



This preview shows how black text looks on a background with the Hex color 13668F.

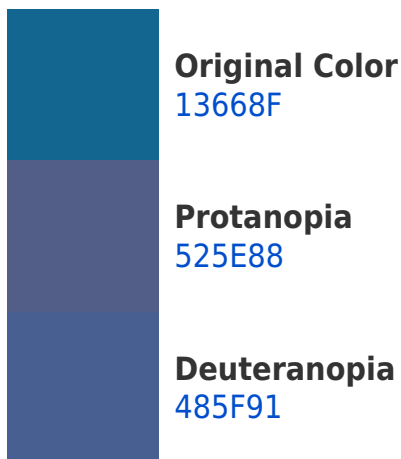


This preview shows how white text looks on a background with the Hex color 13668F.

# 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](#).

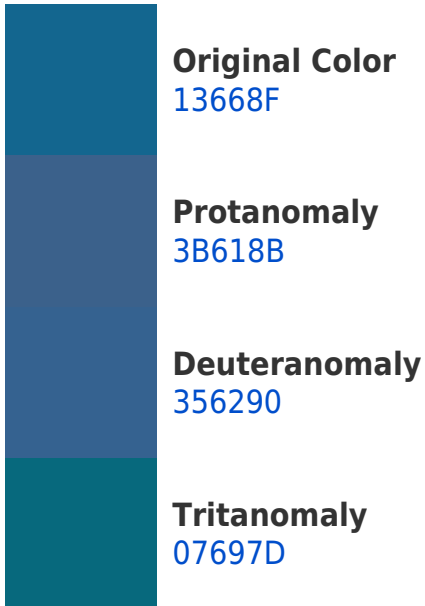
## Dichromacy





**Tritanopia**  
006A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13668F 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 #13668F looks like.

```
.text, #text, p{  
    color:#13668F  
}
```

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 #13668F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13668F
}
```

## Border

The CSS property to change the border of an element to Hex 13668F 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
#13668F }
```

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

```
.border{ border-color:#13668F }
```

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

Here you see how a box with a 4 pixel #13668F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13668F; -webkit-box-shadow:4px 4px  
4px 4px #13668F; box-shadow:4px 4px 4px  
4px #13668F }
```

# Background

The CSS property to change the background color of an element to Hex 13668F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13668F }
```

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

```
.background{ background-color:#13668F }
```

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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