

Converting Colors

Hex(48769F)

Have a look what the booklet for
Hex(48769F) contains.

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Color

Hex(48769F)

Conversions

Conversions Part 1

Format	Color
Hex	48769F
RGB	72, 118, 159
RGB Percent	28%, 46%, 62%
CMY	0.7176, 0.5373, 0.3765
CMYK	0.55, 0.26, 0.00, 0.38
HSL	208°, 38%, 45%
HSV	208°, 55%, 62%
XYZ	15.4089, 16.8378, 35.2388
YIQ	108.9200, -40.5770, 2.9990

Conversions

Conversions Part 2

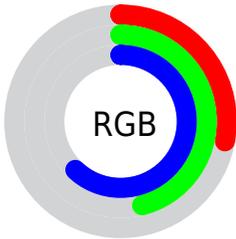
Format	Color
R_{YB}	72, 102, 159
Decimal	4748959
CIE _{Lab}	48.05, -3.46, -26.88
CIE _{LCh}	48, 27.097, 262.655
Yxy	16.8378, 0.2283, 0.2495
Android (android.graphics.Color)	4282939039 (0xFF48769F)
YUV	108.9200, 24.6894, -32.3788
Hunter-Lab	41.0339, -4.7794, -22.1929

Details

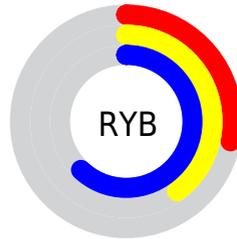
The Hex color **48769F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F7148**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7EAAD6**, and **05466B** is the 20% darker color. If you saturate the color by 10%, you get **386F9F**, and if you desaturate by 10%, it is **587D9F**.

Distribution



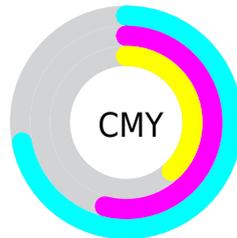
- Red (28%)
- Green (46%)
- Blue (62%)



- Red (28%)
- Yellow (40%)
- Blue (62%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (38%)



- Cyan (72%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48769F 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 48769F by changing the saturation by 10% instead.

■ 48769F

■ 48769F

FFFFFF

■ 2C5D85

■ 7EAAD6

■ 05466B

■ 9AC5F2

■ 003053

■ B6E1FF

■ 001B3C

■ D2FEFF

■ 000226

■ F0FFFF

■ 00010F

■ 000000

■ 48769F

■ 48769F

■ 386F9F

■ 587D9F

■ 28679F

■ 68859F

■ 18609F

■ 788C9F

■ 08589F

■ 88949F

■ 00549F

■ 989B9F

■ A7A39F

■ B7AA9F

■ C7B29F

■ D7B99F

Harmonies

Analogous

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



237C96



48769F



6D6E9C

Triad

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



48769F



9F6162



557B56

Complementary

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



48769F



9F7148

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.



707647



48769F



97674F

Square

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



48769F



9B6179



866F45



387E6B

Rectangle

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



48769F



816994



866F45



5E7A50

Sweetspot

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



48769F



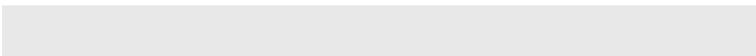
AEBFCF



489F71



555F69



E8E8E8



696969

Same Dimension

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



48769F



468ECF



484B9F



474B4F



004C8F



00080F

Inverse Universe

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



9F4876



CF468E



9F9C48



4F474B



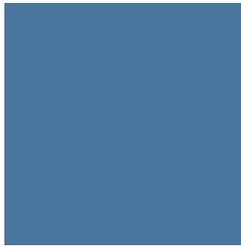
8F004C



0F0008

Previews

White Background



This preview shows how the Hex color 48769F looks on a white background.

Color Contrast Check

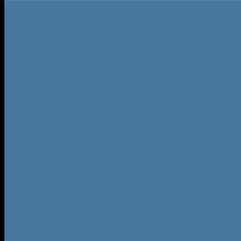
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 48769F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

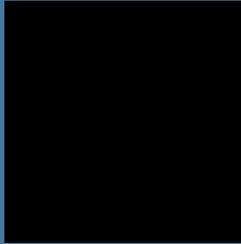
Any Text WCAG AA × Fail

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 48769F Background



This preview shows how black text looks on a background with the Hex color 48769F.



This preview shows how white text looks on a background with the Hex color 48769F.

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](#).

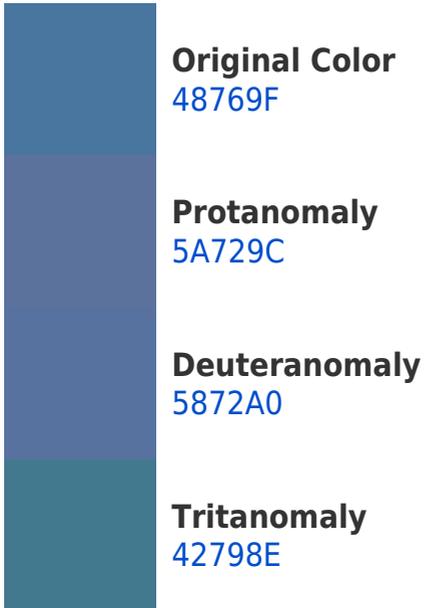
Dichromacy





Tritanopia
3E7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48769F 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 #48769F looks like.

```
.text, #text, p{  
    color:#48769F  
}
```

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 #48769F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48769F
}
```

Border

The CSS property to change the border of an element to Hex 48769F 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
#48769F }
```

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

```
.border{ border-color:#48769F }
```

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

Here you see how a box with a 4 pixel #48769F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48769F; -webkit-box-shadow:4px 4px  
4px 4px #48769F; box-shadow:4px 4px 4px  
4px #48769F }
```

Background

The CSS property to change the background color of an element to Hex 48769F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48769F }
```

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

```
.background{ background-color:#48769F }
```

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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