

Converting Colors

Hex(63749F)

Have a look what the booklet for
Hex(63749F) contains.

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Color

Hex(63749F)

Conversions

Conversions Part 1

Format	Color
Hex	63749F
RGB	99, 116, 159
RGB Percent	39%, 45%, 62%
CMY	0.6118, 0.5451, 0.3765
CMYK	0.38, 0.27, 0.00, 0.38
HSL	223°, 24%, 51%
HSV	223°, 38%, 62%
XYZ	17.6490, 17.6466, 35.2768
YIQ	115.8190, -23.9350, 9.7690

Conversions

Conversions Part 2

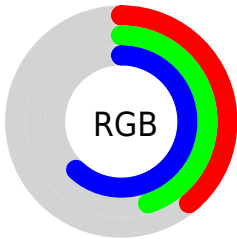
Format	Color
R_{YB}	99, 112, 159
Decimal	6517919
CIE _{Lab}	49.06, 4.80, -25.18
CIE _{LCh}	49, 25.637, 280.795
Yxy	17.6466, 0.2501, 0.2500
Android (android.graphics.Color)	4284707999 (0xFF63749F)
YUV	115.8190, 21.2882, -14.7503
Hunter-Lab	42.0079, 1.4803, -20.3842

Details

The Hex color **63749F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F8E63**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **98A8D6**, and **31446B** is the 20% darker color. If you saturate the color by 10%, you get **53699F**, and if you desaturate by 10%, it is **737F9F**.

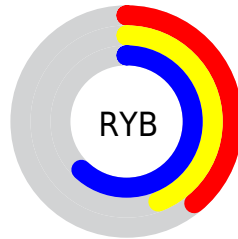
Distribution



 Red (39%)

 Green (45%)

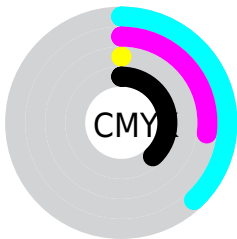
 Blue (62%)




 Red (39%)

 Yellow (44%)

 Blue (62%)

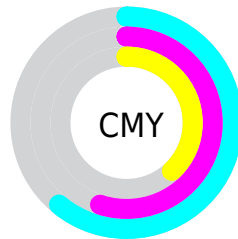


 Cyan (38%)


 Magenta (27%)

 Yellow (0%)

 Black (38%)



 Cyan (61%)

 Magenta (55%)

 Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63749F 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 63749F by changing the saturation by 10% instead.

■ 63749F

■ 63749F

FFFFFF

■ 4A5C85

■ 98A8D6

■ 31446B

■ B3C3F2

■ 172E53

■ CFDFFF

■ 001A3C

■ ECFBFF

■ 000226

■ 00010F

■ 000000

■ 63749F

■ 63749F

■ 53699F

■ 737F9F

435D9F

838B9F

33529F

93969F

23469F

A3A29F

143B9F

B3AD9F

04309F

C2B89F

002D9F

D2C49F

E2CF9F

F2DB9F

Harmonies

Analogous

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



417B9D



63749F



816C96

Triad

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



63749F



9C6859



497F66

Complementary

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



63749F



9F8E63

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.



647C53



63749F



8F6E4C

Square

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



63749F



9F646D



7C764A



30807C

Rectangle

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



63749F



91688A



7C764A



527E5F

Sweetspot

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



63749F



B8BECF



639F8E



5B5F69



E8E8E8



696969

Same Dimension

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



63749F



728CCF



70639F



47494F



00288F



00040F

Inverse Universe

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



9F6374



CF728C



929F63



4F4749



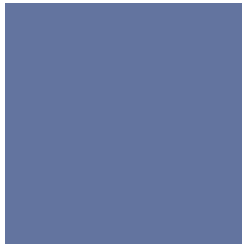
8F0028



0F0004

Previews

White Background



This preview shows how the Hex color 63749F looks on a white background.

Color Contrast Check

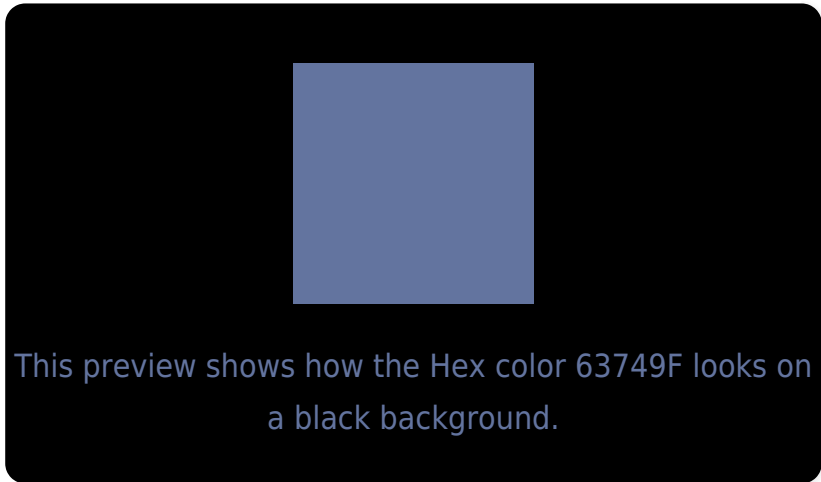
Large Text (above 18pt) WCAG AA ✓ Pass

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

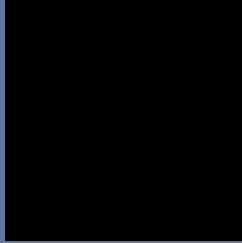
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

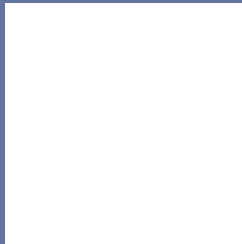
Any Text WCAG AAA × Fail

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

Hex 63749F Background



This preview shows how black text looks on a background with the Hex color 63749F.

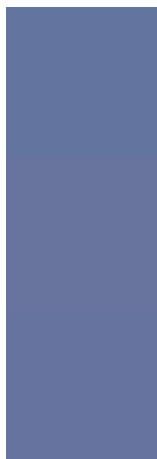


This preview shows how white text looks on a background with the Hex color 63749F.

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



Original Color
63749F

Protanopia
68739E

Deuteranopia
67739F



Tritanopia
5C7983

Trichromacy



Original Color
63749F

Protanomaly
66739E

Deuteranomaly
66739F

Tritanomaly
5F778D

Monochromacy



Original Color
63749F

Achromatopsia
747474

Achromatomaly
6E7484

CSS Examples

Text

The CSS property to change the color of the text to Hex 63749F 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 #63749F looks like.

```
.text, #text, p{  
    color:#63749F  
}
```

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 #63749F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63749F
}
```

Border

The CSS property to change the border of an element to Hex 63749F is called "border". The border property can be set on classes, ids or directly on the HTML element.

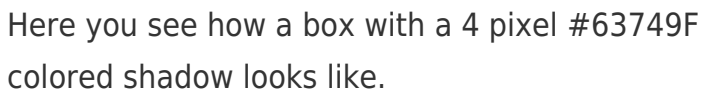
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63749F }
```

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

```
.border{ border-color:#63749F }
```

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



Here you see how a box with a 4 pixel #63749F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63749F; -webkit-box-shadow:4px 4px  
4px 4px #63749F; box-shadow:4px 4px 4px  
4px #63749F }
```

Background

The CSS property to change the background color of an element to Hex 63749F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63749F }
```

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

```
.background{ background-color:#63749F }
```

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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