

Converting Colors

Hex(63648F)

Have a look what the booklet for
Hex(63648F) contains.

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Color

Hex(63648F)

Conversions

Conversions Part 1

Format	Color
Hex	63648F
RGB	99, 100, 143
RGB Percent	39%, 39%, 56%
CMY	0.6118, 0.6078, 0.4392
CMYK	0.31, 0.30, 0.00, 0.44
HSL	239°, 18%, 47%
HSV	239°, 31%, 56%
XYZ	14.6607, 13.7502, 27.8679
YIQ	104.6030, -14.3990, 13.1610

Conversions

Conversions Part 2

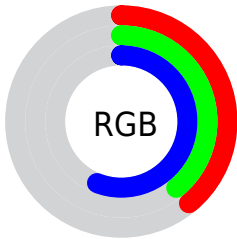
Format	Color
R_{YB}	99, 100, 143
Decimal	6513807
CIE _{Lab}	43.87, 10.08, -23.75
CIE _{LCh}	44, 25.804, 292.988
Yxy	13.7502, 0.2605, 0.2443
Android (android.graphics.Color)	4284703887 (0xFF63648F)
YUV	104.6030, 18.9297, -4.9138
Hunter-Lab	37.0812, 5.6809, -18.6019

Details

The Hex color **63648F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F8E63**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9797C5**, and **32365C** is the 20% darker color. If you saturate the color by 10%, you get **55568F**, and if you desaturate by 10%, it is **71728F**.

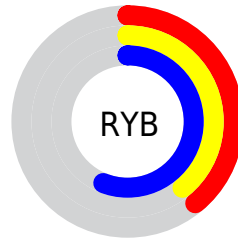
Distribution



Red (39%)

Green (39%)

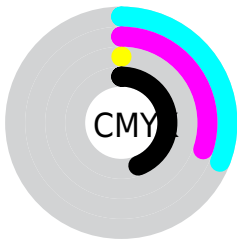
Blue (56%)



Red (39%)

Yellow (39%)

Blue (56%)

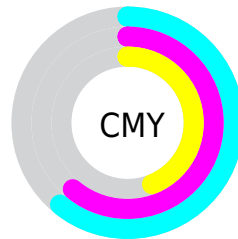


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63648F 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 63648F by changing the saturation by 10% instead.

■ 63648F

■ 63648F

FFFFFF

■ 4A4C75

■ 9797C5

■ 32365C

■ B2B1E1

■ 1B2045

■ CECDFE

■ 04092E

■ EAE9FF

■ 000119

■ 000000

■ 63648F

■ 63648F

■ 55568F

■ 71728F

■ 46488F

■ 80808F

■ 383A8F

■ 8E8E8F

■ 2A2C8F

■ 9C9C8F

■ 1B1E8F

■ ABAA8F

■ 0D108F

■ B9B88F

■ 00038F

■ C7C68F

■ D5D48F

■ E4E28F

Harmonies

Analogous

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



406B92



63648F



7E5C82

Triad

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



63648F



8A5D46



317362

Complementary

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



63648F



8F8E63

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.



4C704D



63648F



7A653D

Square

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



63648F



925858



656B40



147378

Rectangle

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



63648F



8A5975



656B40



3A725A

Sweetspot

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



63648F



A9AABA



638F8E



54545E



DEDEDE



5E5E5E

Same Dimension

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



63648F



7577BA



78638F



404047



000387



000008

Inverse Universe

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



8F6364



BA7577



7A8F63



474040



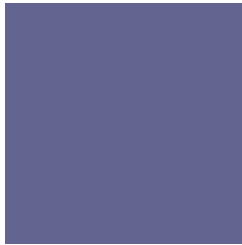
870003



080000

Previews

White Background



This preview shows how the Hex color 63648F looks on a white background.

Color Contrast Check

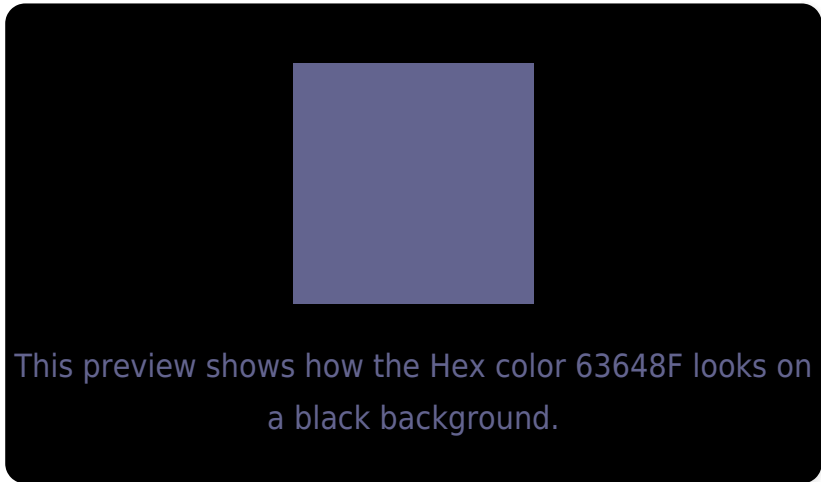
Large Text (above 18pt) WCAG AA ✓ Pass

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

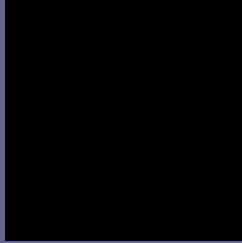
Any Text WCAG AA × Fail

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 63648F Background



This preview shows how black text looks on a background with the Hex color 63648F.



This preview shows how white text looks on a background with the Hex color 63648F.

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
63648F

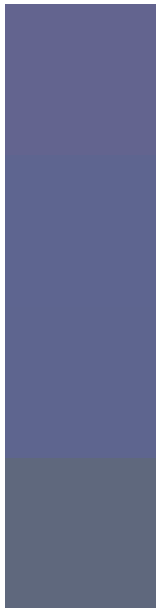
Protanopia
5B6691

Deuteranopia
5B668F



Tritanopia
5D6A72

Trichromacy



Original Color
63648F

Protanomaly
5E6590

Deuteranomaly
5E658F

Tritanomaly
5F687D

Monochromacy



Original Color
63648F

Achromatopsia
696969

Achromatomaly
676777

CSS Examples

Text

The CSS property to change the color of the text to Hex 63648F 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 #63648F looks like.

```
.text, #text, p{  
    color:#63648F  
}
```

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 #63648F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63648F
}
```

Border

The CSS property to change the border of an element to Hex 63648F 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
#63648F }
```

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

```
.border{ border-color:#63648F }
```

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

Here you see how a box with a 4 pixel #63648F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63648F; -webkit-box-shadow:4px 4px  
4px 4px #63648F; box-shadow:4px 4px 4px  
4px #63648F }
```

Background

The CSS property to change the background color of an element to Hex 63648F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63648F }
```

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

```
.background{ background-color:#63648F }
```

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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