

Converting Colors

Hex(63758E)

Have a look what the booklet for
Hex(63758E) contains.

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Color

Hex(63758E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 63758E |
| RGB | 99, 117, 142 |
| RGB Percent | 39%, 46%, 56% |
| CMY | 0.6118, 0.5412, 0.4431 |
| CMYK | 0.30, 0.18, 0.00, 0.44 |
| HSL | 215°, 18%, 47% |
| HSV | 215°, 30%, 56% |
| XYZ | 16.3894, 17.3282, 28.0721 |
| YIQ | 114.4680, -18.7530, 3.9590 |

Conversions

Conversions Part 2

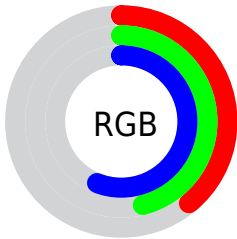
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 99, 112, 142 |
| Decimal | 6518158 |
| CIE _{Lab} | 48.67, -0.46, -15.79 |
| CIE _{LCh} | 49, 15.797, 268.348 |
| Yxy | 17.3282, 0.2652, 0.2804 |
| Android (android.graphics.Color) | 4284708238 (0xFF63758E) |
| YUV | 114.4680, 13.5733, -13.5654 |
| Hunter-Lab | 41.6272, -2.5689, -10.8443 |

Details

The Hex color **63758E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E7C63**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **97A9C4**, and **33455C** is the 20% darker color. If you saturate the color by 10%, you get **556D8E**, and if you desaturate by 10%, it is **717D8E**.

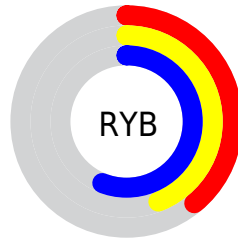
Distribution



Red (39%)

Green (46%)

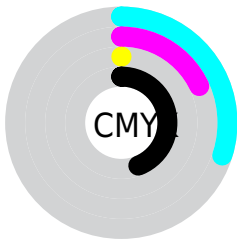
Blue (56%)



Red (39%)

Yellow (44%)

Blue (56%)

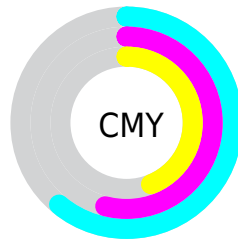


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63758E 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 63758E by changing the saturation by 10% instead.

■ 63758E

■ 63758E

FFFFFF

■ 4A5C74

■ 97A9C4

■ 33455C

■ B2C4E0

■ 1B2F44

■ CDE0FC

■ 031A2E

■ EAFDFF

■ 000119

■ 000000

■ 63758E

■ 63758E

■ 556D8E

■ 717D8E

■ 47648E

■ 7F868E

■ 385C8E

■ 8E8E8E

■ 2A548E

■ 9C968E

■ 1C4C8E

■ AA9E8E

■ 0E438E

■ B8A78E

■ 003B8E

■ C6AF8E

■ D5B78E

■ E3BF8E

Harmonies

Analogous

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



54798A



63758E



75708B

Triad

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



63758E



8F6B68



617A65

Complementary

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



63758E



8E7C63

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.



70775C



63758E



8A6E5D

Square

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



63758E



8D6A75



7F7259



547B72

Rectangle

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



63758E



806E85



7F7259



667962

Sweetspot

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



63758E



A7AEB8



638E7B



52565C



DBDBDB



5C5C5C

Same Dimension

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



63758E



7691B8



66638E



404347



003987



000308

Inverse Universe

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



8E6375



B87691



8B8E63



474043



870039



080003

Previews

White Background



This preview shows how the Hex color 63758E looks on a white background.

Color Contrast Check

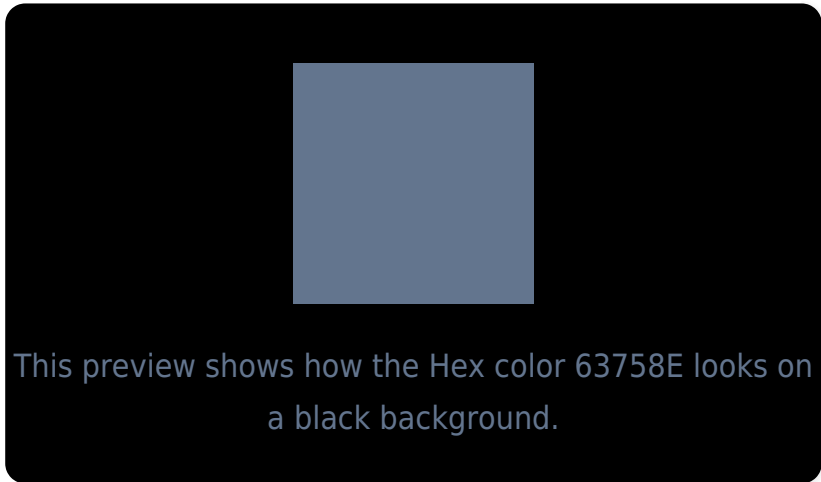
Large Text (above 18pt) WCAG AA ✓ Pass

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

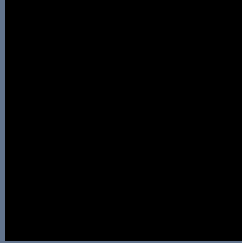
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

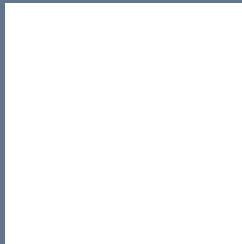
Any Text WCAG AAA × Fail

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

Hex 63758E Background



This preview shows how black text looks on a background with the Hex color 63758E.



This preview shows how white text looks on a background with the Hex color 63758E.

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
63758E

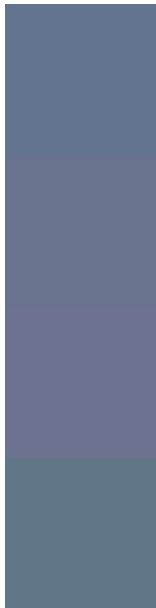
Protanopia
6E728C

Deuteranopia
71718F



Tritanopia
607781

Trichromacy



Original Color
63758E

Protanomaly
6A738D

Deuteranomaly
6C728F

Tritanomaly
617686

Monochromacy



Original Color
63758E

Achromatopsia
727272

Achromatomaly
6D737C

CSS Examples

Text

The CSS property to change the color of the text to Hex 63758E 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 #63758E looks like.

```
.text, #text, p{  
    color:#63758E  
}
```

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 #63758E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63758E
}
```

Border

The CSS property to change the border of an element to Hex 63758E is called "border". The border property can be set on classes, ids or directly on the HTML element.

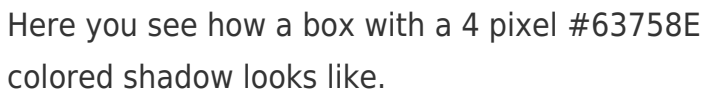
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63758E }
```

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

```
.border{ border-color:#63758E }
```

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



Here you see how a box with a 4 pixel #63758E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63758E; -webkit-box-shadow:4px 4px  
4px 4px #63758E; box-shadow:4px 4px 4px  
4px #63758E }
```

Background

The CSS property to change the background color of an element to Hex 63758E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63758E }
```

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

```
.background{ background-color:#63758E }
```

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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