

Converting Colors

Hex(5E648E)

Have a look what the booklet for
Hex(5E648E) contains.

Hex(5E648E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E648E)

Conversions

Conversions Part 1

Format	Color
Hex	5E648E
RGB	94, 100, 142
RGB Percent	37%, 39%, 56%
CMY	0.6314, 0.6078, 0.4431
CMYK	0.34, 0.30, 0.00, 0.44
HSL	232°, 20%, 46%
HSV	232°, 34%, 56%
XYZ	14.0557, 13.4470, 27.4459
YIQ	102.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

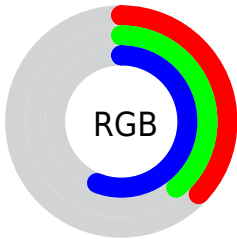
Format	Color
R_{YB}	94, 99, 142
Decimal	6186126
CIE Lab	43.43, 8.25, -23.87
CIE LCh	43, 25.259, 289.059
Yxy	13.4470, 0.2558, 0.2447
Android (android.graphics.Color)	4284376206 (0xFF5E648E)
YUV	102.9940, 19.2300, -7.8877
Hunter-Lab	36.6702, 4.2466, -18.7066

Details

The Hex color **5E648E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8E885E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9297C4**, and **2D365C** is the 20% darker color. If you saturate the color by 10%, you get **50588E**, and if you desaturate by 10%, it is **6C708E**.

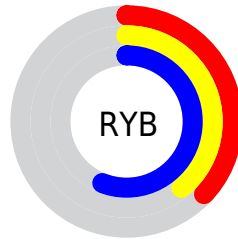
Distribution



Red (37%)

Green (39%)

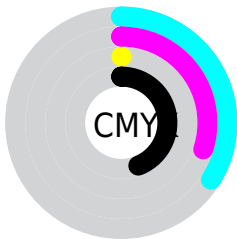
Blue (56%)



Red (37%)

Yellow (39%)

Blue (56%)

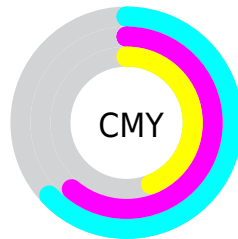


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E648E 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 5E648E by changing the saturation by 10% instead.

■ 5E648E

■ 5E648E

FFFFFF

■ 454C74

■ 9297C4

■ 2D365C

■ ADB1E0

■ 152044

■ C8CDFD

■ 00092D

■ E5E9FF

■ 000118

■ 000000

■ 5E648E

■ 5E648E

■ 50588E

■ 6C708E

■ 424B8E

■ 7A7D8E

■ 333F8E

■ 89898E

■ 25328E

■ 97968E

■ 17268E

■ A5A28E

■ 09198E

■ B3AF8E

■ 00128E

■ C1BB8E

■ D0C78E

■ DED48E

Harmonies

Analogous

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



3C6B8F



5E648E



795C82

Triad

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



5E648E



8A5C48



35715E

Complementary

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



5E648E



8E885E

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.



4F6F4B



5E648E



7B633E

Square

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



5E648E



90575A



676A3E



1A7274

Rectangle

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



5E648E



865976



676A3E



3E7157

Sweetspot

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



5E648E



A5A8B8



5E8E88



51525C



DBDBDB



5C5C5C

Same Dimension

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



5E648E



6C76B8



705E8E



404147



001187



000108

Inverse Universe

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



8E5E64



B86C76



7C8E5E



474041



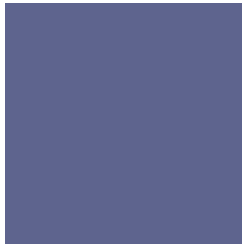
870011



080001

Previews

White Background



This preview shows how the Hex color 5E648E looks on a white background.

Color Contrast Check

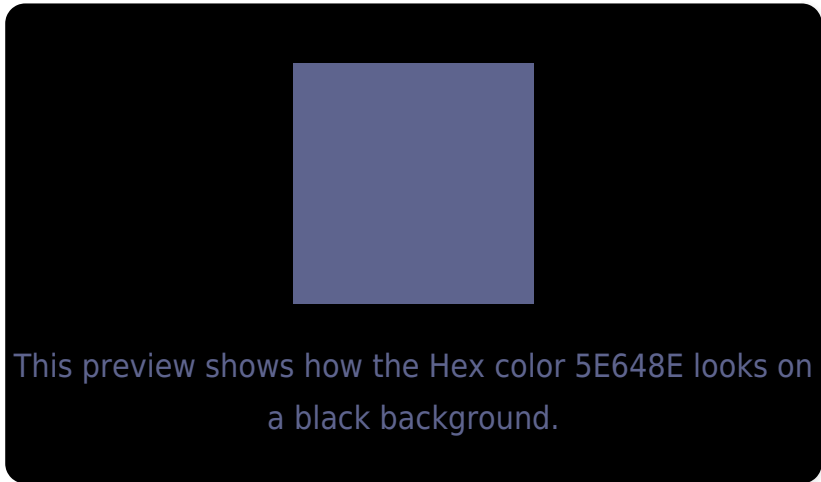
Large Text (above 18pt) WCAG AA ✓ Pass

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

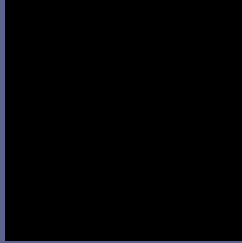
Any Text WCAG AA × Fail

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 5E648E Background



This preview shows how black text looks on a background with the Hex color 5E648E.



This preview shows how white text looks on a background with the Hex color 5E648E.

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

5E648E

Protanopia

5A658F

Deuteranopia

5A658E



Tritanopia
586972

Trichromacy



Original Color
5E648E

Protanomaly
5B658F

Deuteranomaly
5B658E

Tritanomaly
5A677C

Monochromacy



Original Color
5E648E

Achromatopsia
676767

Achromatomaly
646675

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E648E 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 #5E648E looks like.

```
.text, #text, p{  
    color:#5E648E  
}
```

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 #5E648E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E648E
}
```

Border

The CSS property to change the border of an element to Hex 5E648E 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
#5E648E }
```

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

```
.border{ border-color:#5E648E }
```

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

Here you see how a box with a 4 pixel #5E648E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E648E; -webkit-box-shadow:4px 4px  
4px 4px #5E648E; box-shadow:4px 4px 4px  
4px #5E648E }
```

Background

The CSS property to change the background color of an element to Hex 5E648E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E648E }
```

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

```
.background{ background-color:#5E648E }
```

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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