

Converting Colors

Hex(66758E)

Have a look what the booklet for
Hex(66758E) contains.

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Color

Hex(66758E)

Conversions

Conversions Part 1

Format	Color
Hex	66758E
RGB	102, 117, 142
RGB Percent	40%, 46%, 56%
CMY	0.6000, 0.5412, 0.4431
CMYK	0.28, 0.18, 0.00, 0.44
HSL	218°, 16%, 48%
HSV	218°, 28%, 56%
XYZ	16.7233, 17.5004, 28.0877
YIQ	115.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

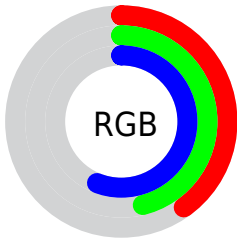
Format	Color
R_{YB}	102, 113, 142
Decimal	6714766
CIE _{Lab}	48.88, 0.50, -15.45
CIE _{LCh}	49, 15.454, 271.861
Yxy	17.5004, 0.2684, 0.2809
Android (android.graphics.Color)	4284904846 (0xFF66758E)
YUV	115.3650, 13.1311, -11.7211
Hunter-Lab	41.8334, -1.8516, -10.5249

Details

The Hex color **66758E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E7F66**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9AA9C4**, and **36455C** is the 20% darker color. If you saturate the color by 10%, you get **586C8E**, and if you desaturate by 10%, it is **747E8E**.

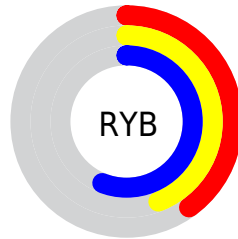
Distribution



Red (40%)

Green (46%)

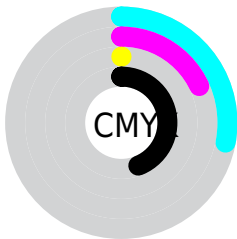
Blue (56%)



Red (40%)

Yellow (44%)

Blue (56%)

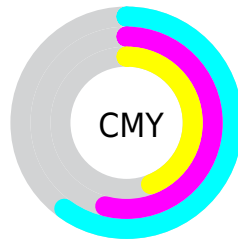


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66758E 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 66758E by changing the saturation by 10% instead.

■ 66758E

■ 66758E

FFFFFF

■ 4D5C74

■ 9AA9C4

■ 36455C

■ B5C4E0

■ 1F2F44

■ D1E0FC

■ 071A2E

■ EDFDFF

■ 000119

■ 000000

■ 66758E

■ 66758E

■ 586C8E

■ 747E8E

■ 4A638E

■ 82878E

■ 3B5A8E

■ 91908E

■ 2D518E

■ 9F998E

■ 1F498E

■ ADA18E

■ 11408E

■ BBAA8E

■ 03378E

■ C9B38E

■ 00358E

■ D8BC8E

■ E6C58E

Harmonies

Analogous

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



57798B



66758E



77718A

Triad

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



66758E



8F6C67



607A67

Complementary

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



66758E



8E7F66

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.



6F785E



66758E



896F5E

Square

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



66758E



8E6B74



7D735A



547C74

Rectangle

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



66758E



826E84



7D735A



657A64

Sweetspot

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



66758E



A9AEB8



668E7F



53565C



DBDBDB



5C5C5C

Same Dimension

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



66758E



7991B8



6B668E



404347



003387



000308

Inverse Universe

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



8E6675



B87991



898E66



474043



870033



080003

Previews

White Background



This preview shows how the Hex color 66758E looks on a white background.

Color Contrast Check

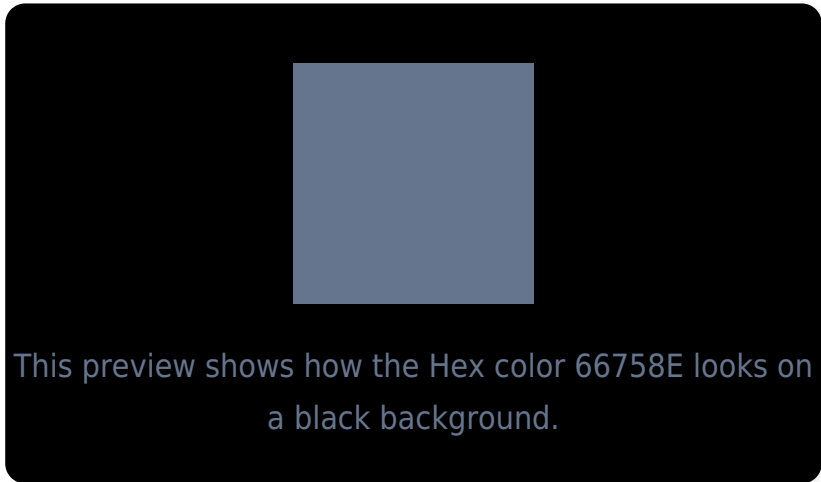
Large Text (above 18pt) WCAG AA ✓ Pass

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

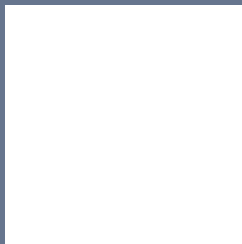
Any Text WCAG AAA × Fail

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

Hex 66758E Background



This preview shows how black text looks on a background with the Hex color 66758E.



This preview shows how white text looks on a background with the Hex color 66758E.

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

66758E

Protanopia

6E738D

Deuteranopia

72728F



Tritanopia
637781

Trichromacy



Original Color
66758E

Protanomaly
6B748D

Deuteranomaly
6E738F

Tritanomaly
647686

Monochromacy



Original Color
66758E

Achromatopsia
737373

Achromatomaly
6E747D

CSS Examples

Text

The CSS property to change the color of the text to Hex 66758E 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 #66758E looks like.

```
.text, #text, p{  
    color:#66758E  
}
```

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 #66758E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66758E
}
```

Border

The CSS property to change the border of an element to Hex 66758E is called "border". The border property can be set on classes, ids or directly on the HTML element.

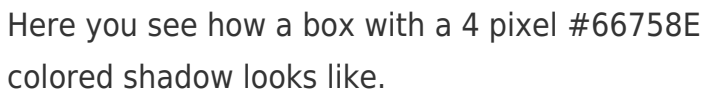
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66758E }
```

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

```
.border{ border-color:#66758E }
```

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



Here you see how a box with a 4 pixel #66758E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66758E; -webkit-box-shadow:4px 4px  
4px 4px #66758E; box-shadow:4px 4px 4px  
4px #66758E }
```

Background

The CSS property to change the background color of an element to Hex 66758E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66758E }
```

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

```
.background{ background-color:#66758E }
```

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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