

Converting Colors

Hex(70768B)

Have a look what the booklet for
Hex(70768B) contains.

Hex(70768B)	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(70768B)

Conversions

Conversions Part 1

Format	Color
Hex	70768B
RGB	112, 118, 139
RGB Percent	44%, 46%, 55%
CMY	0.5608, 0.5373, 0.4549
CMYK	0.19, 0.15, 0.00, 0.45
HSL	227°, 11%, 49%
HSV	227°, 19%, 55%
XYZ	17.8207, 18.2657, 27.0125
YIQ	118.6000, -10.3170, 5.2590

Conversions

Conversions Part 2

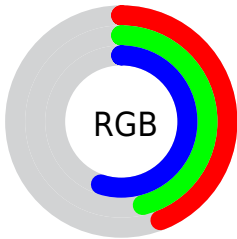
Format	Color
R_{YB}	112, 117, 139
Decimal	7370379
CIE _{Lab}	49.82, 2.48, -12.19
CIE _{LCh}	50, 12.443, 281.508
Yxy	18.2657, 0.2824, 0.2895
Android (android.graphics.Color)	4285560459 (0xFF70768B)
YUV	118.6000, 10.0572, -5.7882
Hunter-Lab	42.7384, -0.3626, -7.5569

Details

The Hex color **70768B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B8570**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A4AAC1**, and **404659** is the 20% darker color. If you saturate the color by 10%, you get **626B8B**, and if you desaturate by 10%, it is **7E818B**.

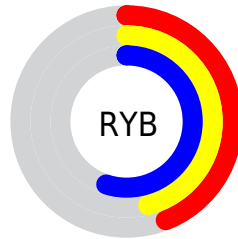
Distribution



Red (44%)

Green (46%)

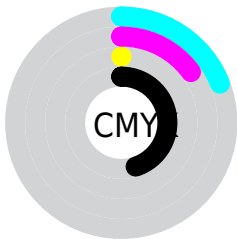
Blue (55%)



Red (44%)

Yellow (46%)

Blue (55%)

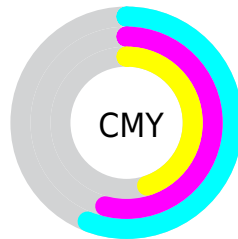


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70768B 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 70768B by changing the saturation by 10% instead.

■ 70768B

■ 70768B

FFFFFF

■ 575D72

■ A4AAC1

■ 404659

■ BFC5DC

■ 293042

■ DBE1F9

■ 141B2B

■ F8FEFF

■ 000017

■ 000000

■ 70768B

■ 70768B

■ 626B8B

■ 7E818B

■ 54608B

■ 8C8C8B

■ 46568B

■ 9A968B

■ 384B8B

■ A8A18B

■ 2B408B

■ B6AC8B

■ 1D358B

■ C3B78B

■ 0F2A8B

■ D1C28B

■ 01208B

■ DFCC8B

■ 001F8B

■ EDD78B

Harmonies

Analogous

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



63798A



70768B



7D7286

Triad

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



70768B



8B7169



637C6F

Complementary

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



70768B



8B8570

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.



6F7A66



70768B



857463

Square

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



70768B



8D6F73



7B7762



5C7D7A

Rectangle

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



70768B



857181



7B7762



677C6C

Sweetspot

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



70768B



AAADB5



708B85



55575C



DBDBDB



5C5C5C

Same Dimension

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



70768B



8B95B5



77708B



3E3F45



001D85



000105

Inverse Universe

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



8B7076



B58B95



848B70



453E3F



85001D



050001

Previews

White Background



This preview shows how the Hex color 70768B looks on a white background.

Color Contrast Check

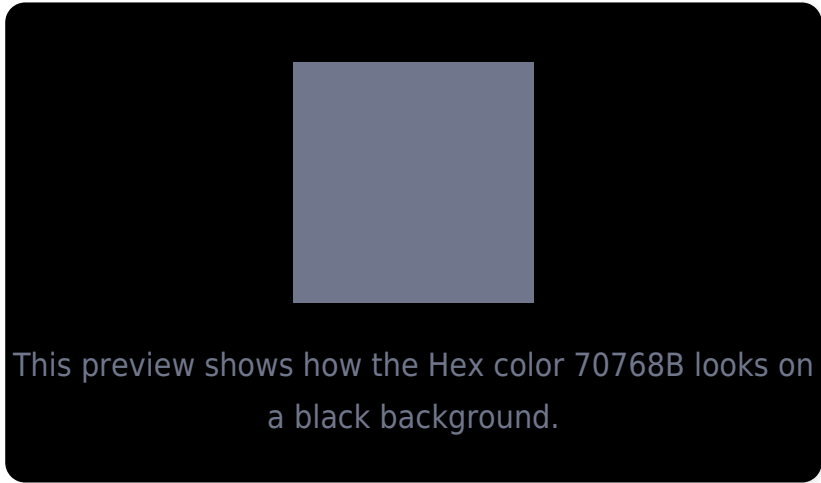
Large Text (above 18pt) WCAG AA ✓ Pass

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

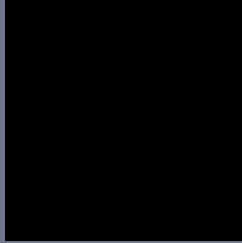
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

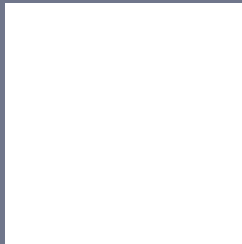
Any Text WCAG AAA × Fail

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

Hex 70768B Background



This preview shows how black text looks on a background with the Hex color 70768B.



This preview shows how white text looks on a background with the Hex color 70768B.

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

70768B

Protanopia

72758B

Deuteranopia

78748B



Tritanopia
6E7881

Trichromacy



Original Color

70768B

Protanomaly

71758B

Deuteranomaly

75758B

Tritanomaly

6F7785

Monochromacy



Original Color

70768B

Achromatopsia

777777

Achromatomaly

74777E

CSS Examples

Text

The CSS property to change the color of the text to Hex 70768B 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 #70768B looks like.

```
.text, #text, p{  
    color:#70768B  
}
```

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 #70768B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70768B
}
```

Border

The CSS property to change the border of an element to Hex 70768B 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
#70768B }
```

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

```
.border{ border-color:#70768B }
```

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

Here you see how a box with a 4 pixel #70768B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70768B; -webkit-box-shadow:4px 4px  
4px 4px #70768B; box-shadow:4px 4px 4px  
4px #70768B }
```

Background

The CSS property to change the background color of an element to Hex 70768B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70768B }
```

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

```
.background{ background-color:#70768B }
```

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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