

Converting Colors

Hex(69738A)

Have a look what the booklet for
Hex(69738A) contains.

| | |
|--|----|
| Hex(69738A) | 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(69738A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 69738A |
| RGB | 105, 115, 138 |
| RGB Percent | 41%, 45%, 54% |
| CMY | 0.5882, 0.5490, 0.4588 |
| CMYK | 0.24, 0.17, 0.00, 0.46 |
| HSL | 222°, 14%, 48% |
| HSV | 222°, 24%, 54% |
| XYZ | 16.5439, 17.0997, 26.4734 |
| YIQ | 114.6320, -13.3430, 5.0330 |

Conversions

Conversions Part 2

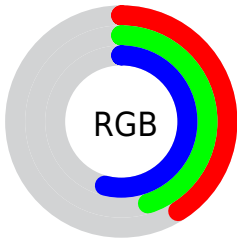
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 105, 113, 138 |
| Decimal | 6910858 |
| CIELab | 48.39, 1.65, -13.82 |
| CIELCh | 48, 13.917, 276.798 |
| Yxy | 17.0997, 0.2752, 0.2844 |
| Android (android.graphics.Color) | 4285100938 (0xFF69738A) |
| YUV | 114.6320, 11.5204, -8.4473 |
| Hunter-Lab | 41.3518, -0.9520, -9.0111 |

Details

The Hex color **69738A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A8069**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9DA7BF**, and **394358** is the 20% darker color. If you saturate the color by 10%, you get **5B698A**, and if you desaturate by 10%, it is **777D8A**.

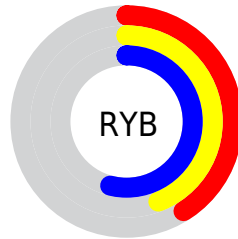
Distribution



Red (41%)

Green (45%)

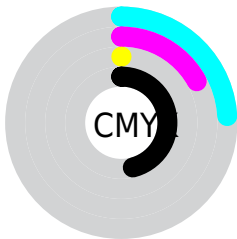
Blue (54%)



Red (41%)

Yellow (44%)

Blue (54%)

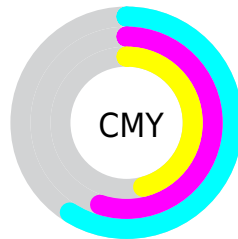


Cyan (24%)

Magenta (17%)

Yellow (0%)

Black (46%)



Cyan (59%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69738A 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 69738A by changing the saturation by 10% instead.



69738A



69738A

FFFFFF



505B71



9DA7BF



394358



B8C2DB



222D41



D4DEF8



0D192B



F0FAFF



000116



000000



69738A



69738A



5B698A



777D8A



4D608A



85868A

■ 40568A

■ 92908A

■ 324D8A

■ A0998A

■ 24438A

■ AEA38A

■ 16398A

■ BCAD8A

■ 08308A

■ CAB68A

■ 002A8A

■ D7C08A

■ E5CA8A

Harmonies

Analogous

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



5B7788



69738A



786F86

Triad

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



69738A



8B6C65



5F7969

Complementary

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



69738A



8A8069

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.



6C7660



69738A



846F5E

Square

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



69738A



8B6B71



79735C



567A75

Rectangle

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



69738A



816D80



79735C



637866

Sweetspot

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



69738A



A6AAB3



698A80



525459



D9D9D9



595959

Same Dimension

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



69738A



7F8EB3



6F698A



3E4045



002885



000205

Inverse Universe

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



8A6973



B37F8E



848A69



453E40



850028



050002

Previews

White Background



This preview shows how the Hex color 69738A looks on a white background.

Color Contrast Check

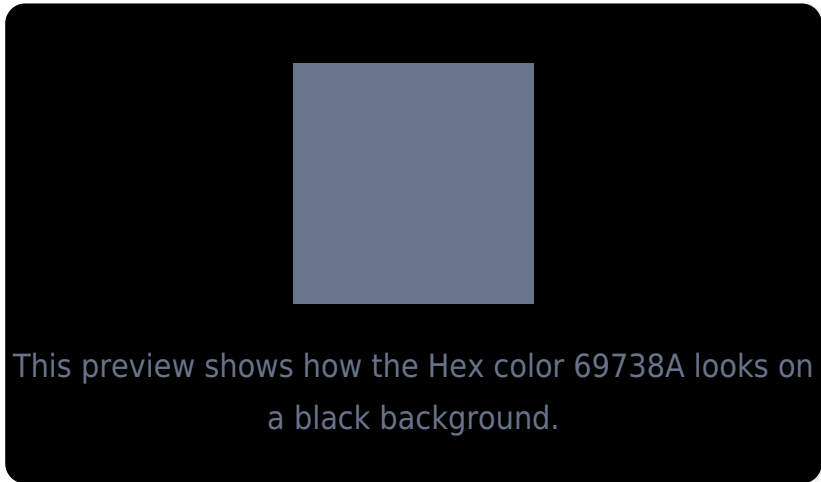
Large Text (above 18pt) WCAG AA ✓ Pass

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

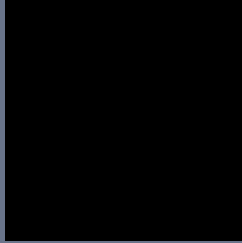
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

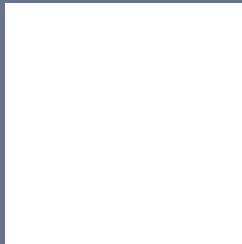
Any Text WCAG AAA × Fail

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

Hex 69738A Background



This preview shows how black text looks on a background with the Hex color 69738A.



This preview shows how white text looks on a background with the Hex color 69738A.

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
69738A

Protanopia
6E7289

Deuteranopia
72708B



Tritanopia
67757E

Trichromacy



Original Color
69738A

Protanomaly
6C7289

Deuteranomaly
6F718B

Tritanomaly
687482

Monochromacy



Original Color
69738A

Achromatopsia
737373

Achromatomaly
6F737B

CSS Examples

Text

The CSS property to change the color of the text to Hex 69738A 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 #69738A looks like.

```
.text, #text, p{  
    color:#69738A  
}
```

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 #69738A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69738A
}
```

Border

The CSS property to change the border of an element to Hex 69738A 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
#69738A }
```

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

```
.border{ border-color:#69738A }
```

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

Here you see how a box with a 4 pixel #69738A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69738A; -webkit-box-shadow:4px 4px  
4px 4px #69738A; box-shadow:4px 4px 4px  
4px #69738A }
```

Background

The CSS property to change the background color of an element to Hex 69738A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69738A }
```

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

```
.background{ background-color:#69738A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor