

Converting Colors

Hex(75838A)

Have a look what the booklet for
Hex(75838A) contains.

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Color

Hex(75838A)

Conversions

Conversions Part 1

Format	Color
Hex	75838A
RGB	117, 131, 138
RGB Percent	46%, 51%, 54%
CMY	0.5412, 0.4863, 0.4588
CMYK	0.15, 0.05, 0.00, 0.46
HSL	200°, 8%, 50%
HSV	200°, 15%, 54%
XYZ	20.0399, 21.8495, 27.2059
YIQ	127.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

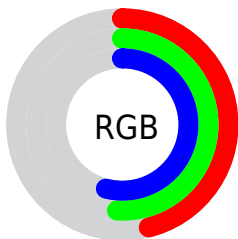
Format	Color
R_{YB}	117, 125, 138
Decimal	7701386
CIE _{Lab}	53.87, -3.56, -5.51
CIE _{LCh}	54, 6.558, 237.143
Yxy	21.8495, 0.2900, 0.3162
Android (android.graphics.Color)	4285891466 (0xFF75838A)
YUV	127.6120, 5.1213, -9.3067
Hunter-Lab	46.7434, -5.2744, -1.7879

Details

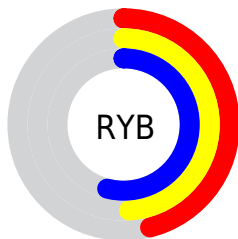
The Hex color **75838A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A7C75**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A9B8BF**, and **455258** is the 20% darker color. If you saturate the color by 10%, you get **677E8A**, and if you desaturate by 10%, it is **83888A**.

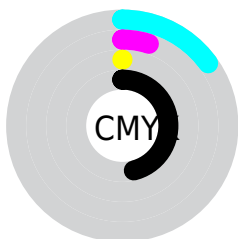
Distribution



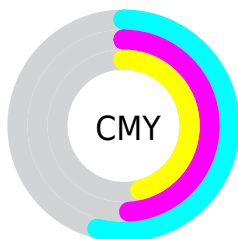
- Red (46%)
- Green (51%)
- Blue (54%)



- Red (46%)
- Yellow (49%)
- Blue (54%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75838A 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 75838A by changing the saturation by 10% instead.



75838A



75838A

FFFFFF



5C6A71



A9B8BF



455258



C5D4DB



2E3B41



E1F0F8



19252B

FDFFFF



001017



000000



75838A



75838A



677E8A



83888A



597A8A



918C8A

■ 4C758A

■ 9E918A

■ 3E718A

■ AC958A

■ 306C8A

■ BA9A8A

■ 22678A

■ C89F8A

■ 14638A

■ D6A38A

■ 075E8A

■ E3A88A

■ 005C8A

■ F1AC8A

Harmonies

Analogous

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



738486



75838A



7A818C

Triad

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



75838A



8C7D81



808277

Complementary

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



75838A



8A7C75

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.



868076



75838A



8D7D7C

Square

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



75838A



887E87



8B7E77



79837A

Rectangle

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



75838A



7F808B



8B7E77



828176

Sweetspot

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



75838A



AAB0B3



758A7C



545759



D9D9D9



595959

Same Dimension

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



75838A



92A8B3



75798A



3E4345



005885



000305

Inverse Universe

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



8A7583



B392A8



8A8775



453E43



850058



050003

Previews

White Background



This preview shows how the Hex color 75838A looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

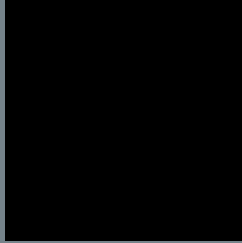
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

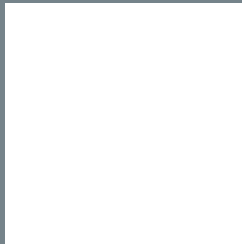
Any Text WCAG AAA × Fail

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

Hex 75838A Background



This preview shows how black text looks on a background with the Hex color 75838A.



This preview shows how white text looks on a background with the Hex color 75838A.

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](#).

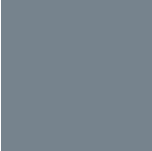
Dichromacy



Original Color
75838A

Protanopia
818088

Deuteranopia
887D8B



Tritanopia
76838D

Trichromacy



Original Color
75838A

Protanomaly
7D8189

Deuteranomaly
817F8B

Tritanomaly
76838C

Monochromacy



Original Color
75838A

Achromatopsia
808080

Achromatomaly
7C8184

CSS Examples

Text

The CSS property to change the color of the text to Hex 75838A 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 #75838A looks like.

```
.text, #text, p{  
    color:#75838A  
}
```

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 #75838A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75838A
}
```

Border

The CSS property to change the border of an element to Hex 75838A 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
#75838A }
```

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

```
.border{ border-color:#75838A }
```

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

Here you see how a box with a 4 pixel #75838A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75838A; -webkit-box-shadow:4px 4px  
4px 4px #75838A; box-shadow:4px 4px 4px  
4px #75838A }
```

Background

The CSS property to change the background color of an element to Hex 75838A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75838A }
```

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

```
.background{ background-color:#75838A }
```

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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