

Converting Colors

Hex(54768A)

Have a look what the booklet for
Hex(54768A) contains.

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Color

Hex(54768A)

Conversions

Conversions Part 1

Format	Color
Hex	54768A
RGB	84, 118, 138
RGB Percent	33%, 46%, 54%
CMY	0.6706, 0.5373, 0.4588
CMYK	0.39, 0.14, 0.00, 0.46
HSL	202°, 24%, 44%
HSV	202°, 39%, 54%
XYZ	14.7220, 16.6767, 26.4877
YIQ	110.1140, -26.6840, -0.9880

Conversions

Conversions Part 2

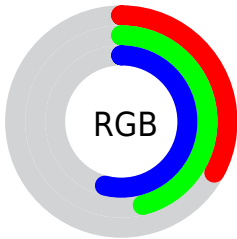
Format	Color
R _Y B	84, 105, 138
Decimal	5535370
CIE _{Lab}	47.85, -6.69, -14.76
CIE _{LCh}	48, 16.211, 245.613
Y _{xy}	16.6767, 0.2543, 0.2881
Android (android.graphics.Color)	4283725450 (0xFF54768A)
Y _{UV}	110.1140, 13.7478, -22.9020
Hunter-Lab	40.8371, -7.1144, -9.8707

Details

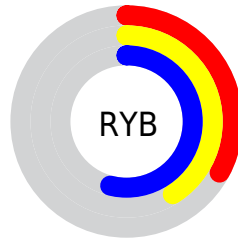
The Hex color **54768A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8A6854**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **88AABF**, and **224658** is the 20% darker color. If you saturate the color by 10%, you get **46718A**, and if you desaturate by 10%, it is **627B8A**.

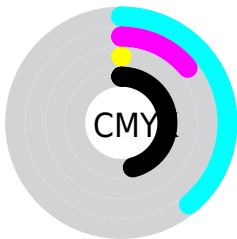
Distribution



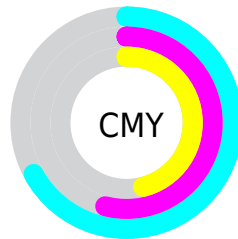
- Red (33%)
- Green (46%)
- Blue (54%)



- Red (33%)
- Yellow (41%)
- Blue (54%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (67%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54768A 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 54768A by changing the saturation by 10% instead.

■ 54768A

■ 54768A

FFFFFF

■ 3B5D71

■ 88AABF

■ 224658

■ A3C5DB

■ 062F41

■ BEE1F8

■ 001B2B

■ DAFEFF

■ 000116

■ F7FFFF

■ 000000

■ 54768A

■ 54768A

■ 46718A

■ 627B8A

■ 386C8A

■ 70808A

■ 2B678A

■ 7D858A

■ 1D628A

■ 8B8A8A

■ 0F5C8A

■ 99908A

■ 01578A

■ A7958A

■ 00578A

■ B59A8A

■ C29F8A

■ D0A48A

Harmonies

Analogous

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



4B7981



54768A



65728C

Triad

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



54768A



8D686F



6A765B

Complementary

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



54768A



8A6854

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.



797156



54768A



8D6962

Square

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



54768A



85697D



866D59



5B7866

Rectangle

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



54768A



716F8A



866D59



6F7459

Sweetspot

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



54768A



9DABB3



548A68



4D5559



D9D9D9



595959

Same Dimension

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



54768A



5F93B3



545B8A



3E4245



005385



000305

Inverse Universe

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



8A5476



B35F93



8A8354



453E42



850053



050003

Previews

White Background



This preview shows how the Hex color 54768A looks on a white background.

Color Contrast Check

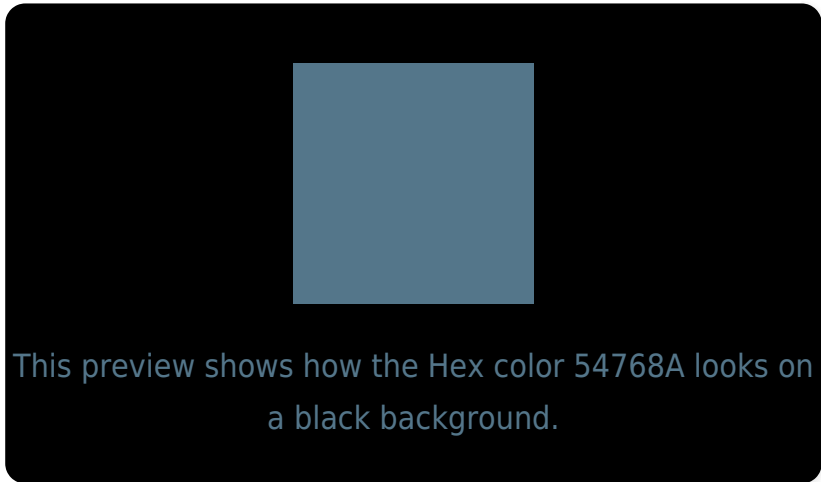
Large Text (above 18pt) WCAG AA ✓ Pass

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

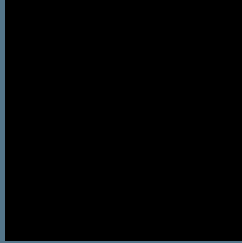
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

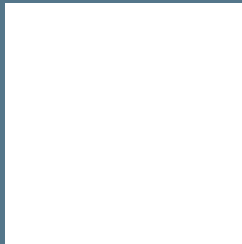
Any Text WCAG AAA × Fail

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

Hex 54768A Background



This preview shows how black text looks on a background with the Hex color 54768A.



This preview shows how white text looks on a background with the Hex color 54768A.

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





Tritanopia
527881

Trichromacy



Original Color
54768A

Protanomaly
647287

Deuteranomaly
65728B

Tritanomaly
537784

Monochromacy



Original Color
54768A

Achromatopsia
6E6E6E

Achromatomaly
657178

CSS Examples

Text

The CSS property to change the color of the text to Hex 54768A 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 #54768A looks like.

```
.text, #text, p{  
    color:#54768A  
}
```

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 #54768A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54768A
}
```

Border

The CSS property to change the border of an element to Hex 54768A 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
#54768A }
```

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

```
.border{ border-color:#54768A }
```

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

Here you see how a box with a 4 pixel #54768A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54768A; -webkit-box-shadow:4px 4px  
4px 4px #54768A; box-shadow:4px 4px 4px  
4px #54768A }
```

Background

The CSS property to change the background color of an element to Hex 54768A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54768A }
```

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

```
.background{ background-color:#54768A }
```

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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