

Converting Colors

Hex(5A8173)

Have a look what the booklet for
Hex(5A8173) contains.

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Color

Hex(5A8173)

Conversions

Conversions Part 1

Format	Color
Hex	5A8173
RGB	90, 129, 115
RGB Percent	35%, 51%, 45%
CMY	0.6471, 0.4941, 0.5490
CMYK	0.30, 0.00, 0.11, 0.49
HSL	158°, 18%, 43%
HSV	158°, 30%, 51%
XYZ	15.1612, 19.1120, 19.1096
YIQ	115.7430, -18.7500, -12.6220

Conversions

Conversions Part 2

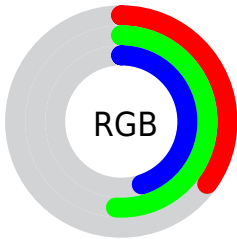
Format	Color
R _Y B	90, 114, 129
Decimal	5931379
CIE Lab	50.82, -16.84, 3.23
CIE LCh	51, 17.149, 169.154
Yxy	19.1120, 0.2840, 0.3580
Android (android.graphics.Color)	4284121459 (0xFF5A8173)
YUV	115.7430, -0.3663, -22.5766
Hunter-Lab	43.7172, -14.6011, 4.6854

Details

The Hex color **5A8173** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **815A68**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8DB6A7**, and **2A5043** is the 20% darker color. If you saturate the color by 10%, you get **4D816E**, and if you desaturate by 10%, it is **678178**.

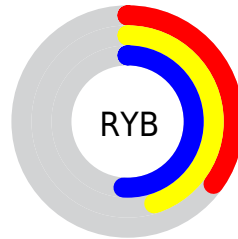
Distribution



Red (35%)

Green (51%)

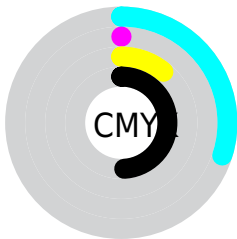
Blue (45%)



Red (35%)

Yellow (45%)

Blue (51%)

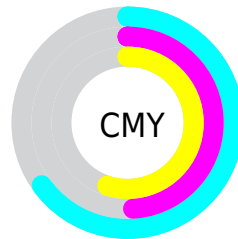


Cyan (30%)

Magenta (0%)

Yellow (11%)

Black (49%)



Cyan (65%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8173 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 5A8173 by changing the saturation by 10% instead.

■ 5A8173

FFFFFF

■ 8DB6A7

■ A8D2C2

■ C3EEDE

■ E0FFFA

■ FCFFFF

■ 5A8173

■ 4D816E

■ 40816A

■ 5A8173

■ 42685A

■ 2A5043

■ 13382D

■ 002318

■ 000600

■ 000000

■ 5A8173

■ 678178

■ 74817C

■ 338165

■ 818181

■ 268160

■ 8E8186

■ 1A815C

■ 9B818A

■ 0D8157

■ A7818F

■ 008153

■ B48193

■ C18198

■ CE819D

Harmonies

Analogous

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



697F66



5A8173



518182

Triad

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



5A8173



747794



937263

Complementary

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



5A8173



815A68

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.



976F70



5A8173



87728C

Square

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



5A8173



617C95



936F7F



89765D

Rectangle

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



5A8173



50808B



936F7F



967067

Sweetspot

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



5A8173



99A8A3



68815A



4B5451



D4D4D4



545454

Same Dimension

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



5A8173



6CA893



5A7C81



39403D



008052



000000

Inverse Universe

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



815A68



A86C81



815F5A



40393C



80002E



000000

Previews

White Background



This preview shows how the Hex color 5A8173 looks on a white background.

Color Contrast Check

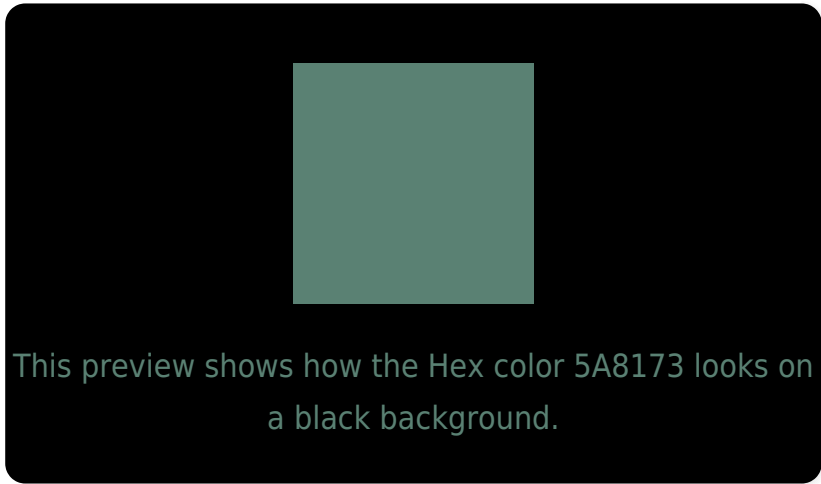
Large Text (above 18pt) WCAG AA ✓ Pass

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

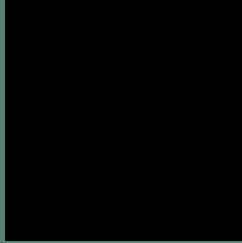
Any Text WCAG AA ✓ Pass

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 5A8173 Background



This preview shows how black text looks on a background with the Hex color 5A8173.

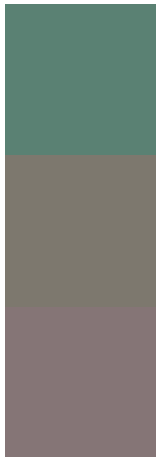


This preview shows how white text looks on a background with the Hex color 5A8173.

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
5A8173

Protanopia
7D786E

Deuteranopia
857576



Tritanopia
5F7E88

Trichromacy



Original Color
5A8173

Protanomaly
707B70

Deuteranomaly
757975

Tritanomaly
5D7F80

Monochromacy



Original Color
5A8173

Achromatopsia
747474

Achromatomaly
6B7974

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8173 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 #5A8173 looks like.

```
.text, #text, p{  
    color:#5A8173  
}
```

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 #5A8173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8173  
}
```

Border

The CSS property to change the border of an element to Hex 5A8173 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  
#5A8173 }
```

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

```
.border{ border-color:#5A8173 }
```

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

Here you see how a box with a 4 pixel #5A8173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8173; -webkit-box-shadow:4px 4px  
4px 4px #5A8173; box-shadow:4px 4px 4px  
4px #5A8173 }
```

Background

The CSS property to change the background color of an element to Hex 5A8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8173 }
```

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

```
.background{ background-color:#5A8173 }
```

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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