

Converting Colors

Hex(4C7173)

Have a look what the booklet for
Hex(4C7173) contains.

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Color

Hex(4C7173)

Conversions

Conversions Part 1

Format	Color
Hex	4C7173
RGB	76, 113, 115
RGB Percent	30%, 44%, 45%
CMY	0.7020, 0.5569, 0.5490
CMYK	0.34, 0.02, 0.00, 0.55
HSL	183°, 20%, 37%
HSV	183°, 34%, 45%
XYZ	11.9801, 14.5846, 18.4033
YIQ	102.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

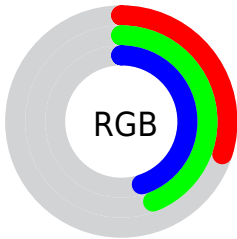
Format	Color
RYB	76, 95, 115
Decimal	5009779
CIELab	45.06, -12.49, -5.30
CIElCh	45, 13.574, 203.002
Yxy	14.5846, 0.2664, 0.3243
Android (android.graphics.Color)	4283199859 (0xFF4C7173)
YUV	102.1650, 6.3277, -22.9467
Hunter-Lab	38.1897, -10.8365, -1.8386

Details

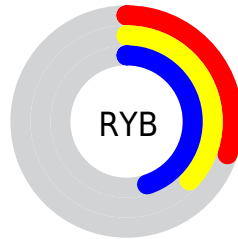
The Hex color **4C7173** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734E4C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7FA5A7**, and **1C4143** is the 20% darker color. If you saturate the color by 10%, you get **407073**, and if you desaturate by 10%, it is **587273**.

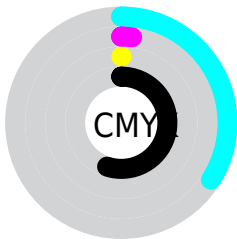
Distribution



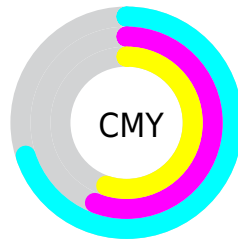
- Red (30%)
- Green (44%)
- Blue (45%)



- Red (30%)
- Yellow (37%)
- Blue (45%)



- Cyan (34%)
- Magenta (2%)
- Yellow (0%)
- Black (55%)



- Cyan (70%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7173 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 4C7173 by changing the saturation by 10% instead.

■ 4C7173

■ 4C7173

FFFFFF

■ 34585A

■ 7FA5A7

■ 1C4143

■ 99C0C2

■ 022B2D

■ B4DCDE

■ 001718

■ D0F8FA

■ 000000

■ EDFFFF

■ 4C7173

■ 4C7173

■ 407073

■ 587273

■ 357073

■ 637273

■ 296F73

■ 6F7373

■ 1E6F73

■ 7A7373

■ 126E73

■ 867473

■ 076D73

■ 917573

■ 006D73

■ 9C7573

■ A87673

■ B47673

Harmonies

Analogous

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



527167



4C7173



4F6F7C

Triad

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



4C7173



776578



766954

Complementary

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



4C7173



734E4C

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.



7F6559



4C7173



80636E

Square

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



4C7173



69697F



826362



6A6D56

Rectangle

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



4C7173



566E80



826362



796855

Sweetspot

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



4C7173



879696



4C734E



434C4D



CCCCCC



4D4D4D

Same Dimension

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



4C7173



599396



4C5E73



353A3B



00747A



00EDFA

Inverse Universe

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



734C71



965993



73614C



3B353A



7A0074



FA00ED

Previews

White Background



This preview shows how the Hex color 4C7173 looks on a white background.

Color Contrast Check

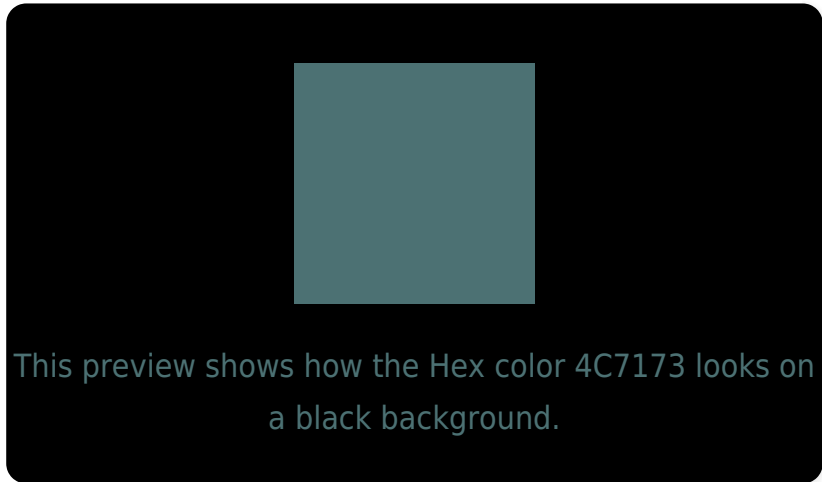
Large Text (above 18pt) WCAG AA ✓ Pass

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

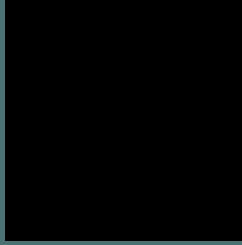
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

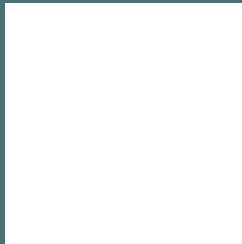
Any Text WCAG AAA × Fail

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

Hex 4C7173 Background



This preview shows how black text looks on a background with the Hex color 4C7173.



This preview shows how white text looks on a background with the Hex color 4C7173.

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
4C7173

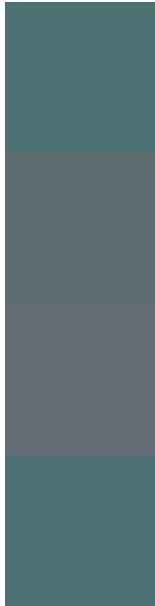
Protanopia
6B6A6F

Deuteranopia
706775



Tritanopia
4D7079

Trichromacy



Original Color
4C7173

Protanomaly
606D70

Deuteranomaly
636B74

Tritanomaly
4D7077

Monochromacy



Original Color
4C7173

Achromatopsia
666666

Achromatomaly
5D6A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7173 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 #4C7173 looks like.

```
.text, #text, p{  
    color:#4C7173  
}
```

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 #4C7173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7173
}
```

Border

The CSS property to change the border of an element to Hex 4C7173 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
#4C7173 }
```

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

```
.border{ border-color:#4C7173 }
```

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

Here you see how a box with a 4 pixel #4C7173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7173; -webkit-box-shadow:4px 4px  
4px 4px #4C7173; box-shadow:4px 4px 4px  
4px #4C7173 }
```

Background

The CSS property to change the background color of an element to Hex 4C7173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7173 }
```

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

```
.background{ background-color:#4C7173 }
```

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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