

Converting Colors

Hex(4C5A70)

Have a look what the booklet for
Hex(4C5A70) contains.

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Color

Hex(4C5A70)

Conversions

Conversions Part 1

Format	Color
Hex	4C5A70
RGB	76, 90, 112
RGB Percent	30%, 35%, 44%
CMY	0.7020, 0.6471, 0.5608
CMYK	0.32, 0.20, 0.00, 0.56
HSL	217°, 19%, 37%
HSV	217°, 32%, 44%
XYZ	9.5613, 10.0187, 16.7591
YIQ	88.3220, -15.4060, 3.8740

Conversions

Conversions Part 2

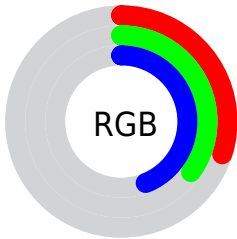
Format	Color
R_{YB}	76, 86, 112
Decimal	5003888
CIE _{Lab}	37.88, 0.32, -14.29
CIE _{LCh}	38, 14.297, 271.263
Yxy	10.0187, 0.2631, 0.2757
Android (android.graphics.Color)	4283193968 (0xFF4C5A70)
YUV	88.3220, 11.6733, -10.8064
Hunter-Lab	31.6523, -1.4716, -9.2360

Details

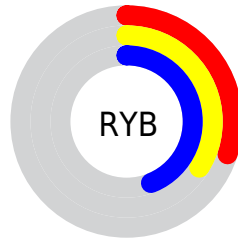
The Hex color **4C5A70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70624C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7E8CA4**, and **1E2D40** is the 20% darker color. If you saturate the color by 10%, you get **415370**, and if you desaturate by 10%, it is **576170**.

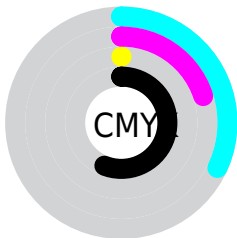
Distribution



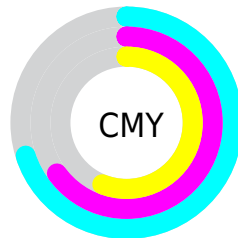
- Red (30%)
- Green (35%)
- Blue (44%)



- Red (30%)
- Yellow (34%)
- Blue (44%)



- Cyan (32%)
- Magenta (20%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5A70 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 4C5A70 by changing the saturation by 10% instead.

■ 4C5A70

■ 4C5A70

FFFFFF

■ 344358

■ 7E8CA4

■ 1E2D40

■ 98A6BF

■ 07182A

■ B3C1DB

■ 000116

■ CFDDF7

■ 000000

■ EBFAFF

■ 4C5A70

■ 4C5A70

■ 415370

■ 576170

■ 364C70

■ 626870

■ 2A4570

■ 6E6F70

■ 1F3F70

■ 797570

■ 143870

■ 847C70

■ 093170

■ 8F8370

■ 002C70

■ 9A8A70

■ A69170

■ B19870

Harmonies

Analogous

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



3E5D6D



4C5A70



5C566D

Triad

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



4C5A70



70524E



485F4E

Complementary

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



4C5A70



70624C

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.



555C45



4C5A70



6B5545

Square

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



4C5A70



705159



615942



3D6059

Rectangle

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



4C5A70



655468



615942



4C5E4A

Sweetspot

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



4C5A70



838891



4C7062



41454A



C9C9C9



4A4A4A

Same Dimension

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



4C5A70



596F91



504C70



323538



002F78



0060F7

Inverse Universe

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



704C5A



91596F



6C704C



383235



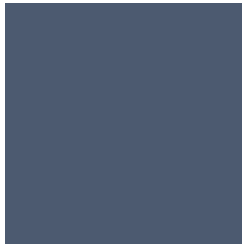
78002F



F70060

Previews

White Background



This preview shows how the Hex color 4C5A70 looks on a white background.

Color Contrast Check

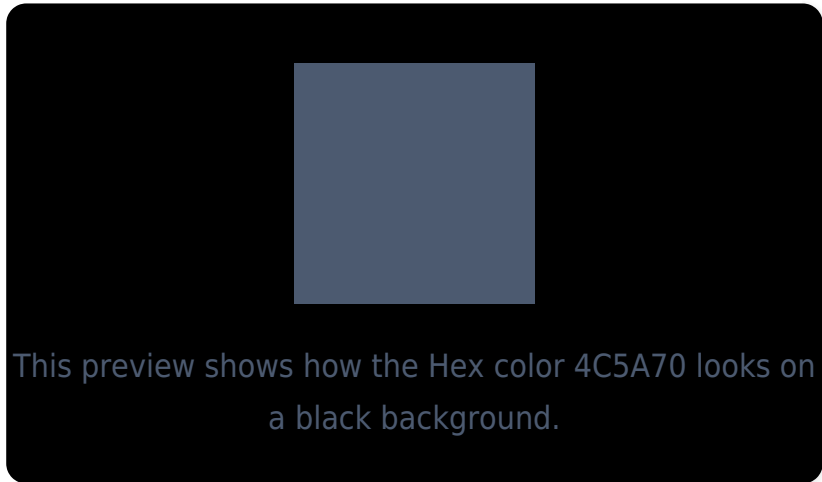
Large Text (above 18pt) WCAG AA ✓ Pass

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

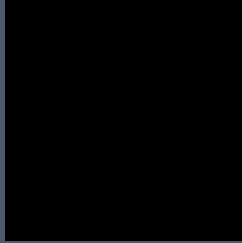
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

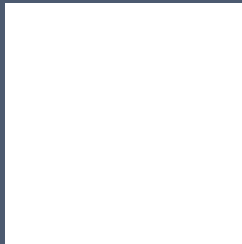
Any Text WCAG AAA × Fail

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

Hex 4C5A70 Background



This preview shows how black text looks on a background with the Hex color 4C5A70.

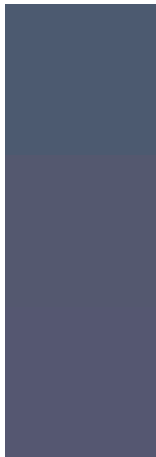


This preview shows how white text looks on a background with the Hex color 4C5A70.

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
4C5A70

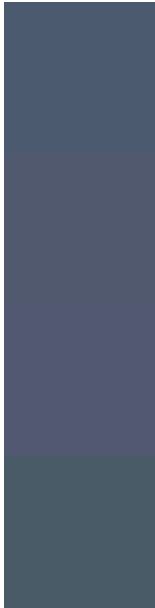
Protanopia
54586F

Deuteranopia
555771



Tritanopia
495C64

Trichromacy



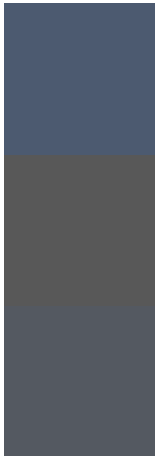
Original Color
4C5A70

Protanomaly
51596F

Deuteranomaly
525871

Tritanomaly
4A5B68

Monochromacy



Original Color
4C5A70

Achromatopsia
585858

Achromatomaly
545961

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5A70 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 #4C5A70 looks like.

```
.text, #text, p{  
    color:#4C5A70  
}
```

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 #4C5A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5A70
}
```

Border

The CSS property to change the border of an element to Hex 4C5A70 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
#4C5A70 }
```

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

```
.border{ border-color:#4C5A70 }
```

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

Here you see how a box with a 4 pixel #4C5A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5A70; -webkit-box-shadow:4px 4px  
4px 4px #4C5A70; box-shadow:4px 4px 4px  
4px #4C5A70 }
```

Background

The CSS property to change the background color of an element to Hex 4C5A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5A70 }
```

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

```
.background{ background-color:#4C5A70 }
```

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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