

Converting Colors

Hex(5A7066)

Have a look what the booklet for
Hex(5A7066) contains.

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Color

Hex(5A7066)

Conversions

Conversions Part 1

Format	Color
Hex	5A7066
RGB	90, 112, 102
RGB Percent	35%, 44%, 40%
CMY	0.6471, 0.5608, 0.6000
CMYK	0.20, 0.00, 0.09, 0.56
HSL	153°, 11%, 40%
HSV	153°, 20%, 44%
XYZ	12.4089, 14.7213, 14.7579
YIQ	104.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

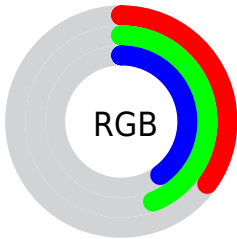
Format	Color
R_{YB}	90, 104, 112
Decimal	5927014
CIE Lab	45.25, -10.36, 2.87
CIE LCh	45, 10.749, 164.521
Yxy	14.7213, 0.2962, 0.3514
Android (android.graphics.Color)	4284117094 (0xFF5A7066)
YUV	104.2820, -1.1250, -12.5253
Hunter-Lab	38.3684, -9.4151, 4.0528

Details

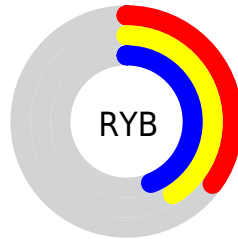
The Hex color **5A7066** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705A64**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8CA499**, and **2C4037** is the 20% darker color. If you saturate the color by 10%, you get **4F7061**, and if you desaturate by 10%, it is **65706B**.

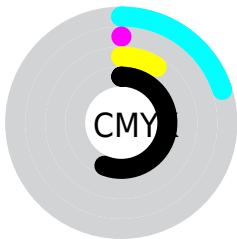
Distribution



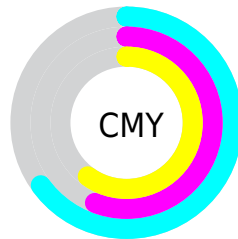
- Red (35%)
- Green (44%)
- Blue (40%)



- Red (35%)
- Yellow (41%)
- Blue (44%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (56%)



- Cyan (65%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7066 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 5A7066 by changing the saturation by 10% instead.

■ 5A7066

■ 5A7066

FFFFFF

■ 42584E

■ 8CA499

■ 2C4037

■ A7BFB4

■ 172A22

■ C2DBC F

■ 00160C

■ DEF7EB

■ 000000

■ FBFFFF

■ 5A7066

■ 5A7066

■ 4F7061

■ 65706B

■ 44705C

■ 707070

■ 387057

■ 7C7075

■ 2D7052

■ 87707A

■ 22704D

■ 92707F

■ 177047

■ 9D7085

■ 0C7042

■ A8708A

■ 00703D

■ B4708F

■ BF7094

Harmonies

Analogous

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



636E5E



5A7066



54706F

Triad

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



5A7066



676A7C



7D665F

Complementary

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



5A7066



705A64

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.



7E6567



5A7066



726778

Square

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



5A7066



5C6D7C



7A6570



77695A

Rectangle

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



5A7066



547075



7A6570



7E6661

Sweetspot

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



5A7066



89918D



64705A



454A48



C9C9C9



4A4A4A

Same Dimension

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



5A7066



6E9181



5A6F70



323836



007841



00F787

Inverse Universe

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



705A64



916E7E



705B5A



383235



780036



F70070

Previews

White Background



This preview shows how the Hex color 5A7066 looks on a white background.

Color Contrast Check

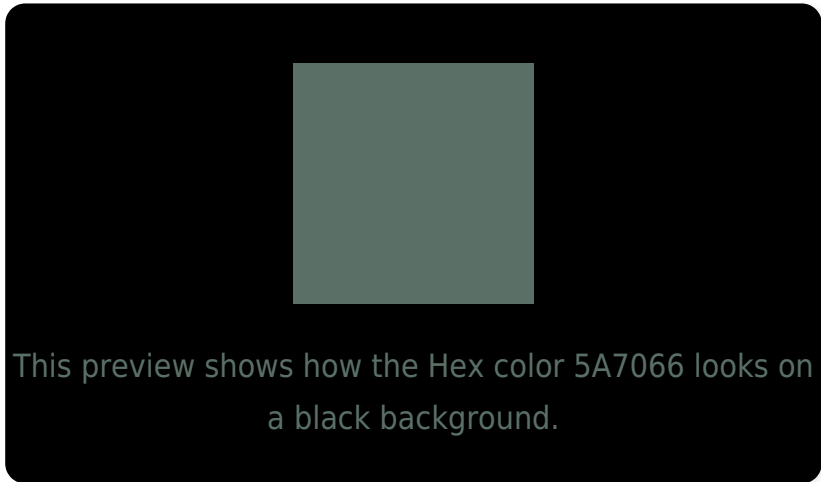
Large Text (above 18pt) WCAG AA ✓ Pass

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

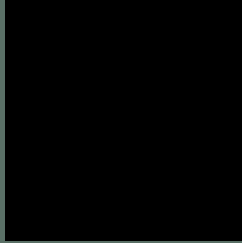
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

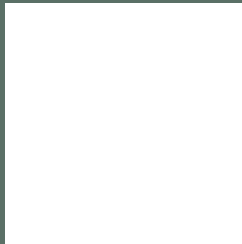
Any Text WCAG AAA × Fail

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

Hex 5A7066 Background



This preview shows how black text looks on a background with the Hex color 5A7066.



This preview shows how white text looks on a background with the Hex color 5A7066.

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

5A7066

Protanopia

6F6A63

Deuteranopia

766768



Tritanopia
5D6E76

Trichromacy



Original Color
5A7066

Protanomaly
676C64

Deuteranomaly
6C6A67

Tritanomaly
5C6F70

Monochromacy



Original Color
5A7066

Achromatopsia
686868

Achromatomaly
636B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7066 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 #5A7066 looks like.

```
.text, #text, p{  
    color:#5A7066  
}
```

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 #5A7066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7066  
}
```

Border

The CSS property to change the border of an element to Hex 5A7066 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  
#5A7066 }
```

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

```
.border{ border-color:#5A7066 }
```

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

Here you see how a box with a 4 pixel #5A7066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7066; -webkit-box-shadow:4px 4px  
4px 4px #5A7066; box-shadow:4px 4px 4px  
4px #5A7066 }
```

Background

The CSS property to change the background color of an element to Hex 5A7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7066 }
```

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

```
.background{ background-color:#5A7066 }
```

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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