

Converting Colors

Hex(5B7271)

Have a look what the booklet for
Hex(5B7271) contains.

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Color

Hex(5B7271)

Conversions

Conversions Part 1

Format	Color
Hex	5B7271
RGB	91, 114, 113
RGB Percent	36%, 45%, 44%
CMY	0.6431, 0.5529, 0.5569
CMYK	0.20, 0.00, 0.01, 0.55
HSL	177°, 11%, 40%
HSV	177°, 20%, 45%
XYZ	13.3123, 15.4510, 17.9035
YIQ	107.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

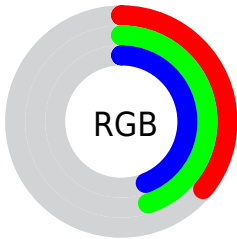
Format	Color
R_{YB}	91, 103, 114
Decimal	5993073
CIE _{Lab}	46.25, -8.64, -2.25
CIE _{LCh}	46, 8.927, 194.592
Yxy	15.4510, 0.2853, 0.3311
Android (android.graphics.Color)	4284183153 (0xFF5B7271)
YUV	107.0090, 2.9536, -14.0399
Hunter-Lab	39.3078, -8.3362, 0.5107

Details

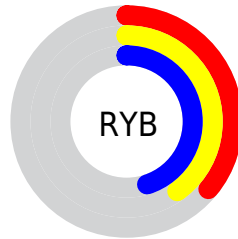
The Hex color **5B7271** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **725B5C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8EA6A5**, and **2C4241** is the 20% darker color. If you saturate the color by 10%, you get **507271**, and if you desaturate by 10%, it is **667271**.

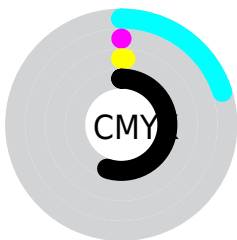
Distribution



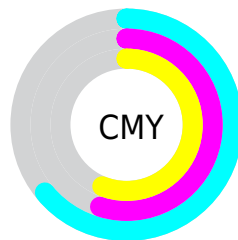
- Red (36%)
- Green (45%)
- Blue (44%)



- Red (36%)
- Yellow (40%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7271 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 5B7271 by changing the saturation by 10% instead.

■ 5B7271

■ 5B7271

FFFFFF

■ 435959

■ 8EA6A5

■ 2C4241

■ A8C1C0

■ 172C2B

■ C3DDDC

■ 001817

■ E0F9F8

■ 000000

■ FCFFFF

■ 5B7271

■ 5B7271

■ 507271

■ 667271

■ 447270

■ 727272

■ 397270

■ 7D7272

■ 2D726F

■ 897273

■ 22726F

■ 947273

■ 17726E

■ 9F7274

■ 0B726E

■ AB7274

■ 00726D

■ B67275

■ C27275

Harmonies

Analogous

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



5F7269



5B7271



5C7178

Triad

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



5B7271



736B78



776C5F

Complementary

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



5B7271



725B5C

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.



7C6A63



5B7271



7A6972

Square

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



5B7271



6A6D7C



7E696A



706E5F

Rectangle

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



5B7271



5F707B



7E696A



796B60

Sweetspot

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



5B7271



8B9494



5C725B



454A4A



C9C9C9



4A4A4A

Same Dimension

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



5B7271



709492



5B6872



323838



007873



00F7ED

Inverse Universe

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



725B5C



947072



72655B



383233



780005



F7000B

Previews

White Background



This preview shows how the Hex color 5B7271 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

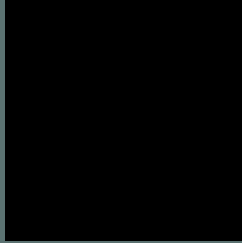
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

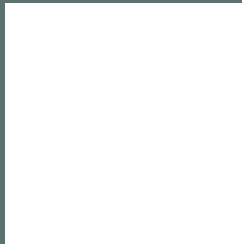
Any Text WCAG AAA × Fail

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

Hex 5B7271 Background



This preview shows how black text looks on a background with the Hex color 5B7271.

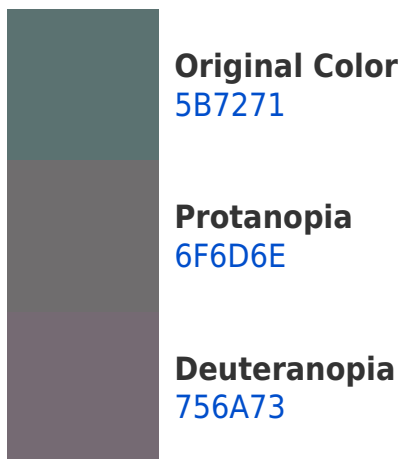


This preview shows how white text looks on a background with the Hex color 5B7271.

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](#).

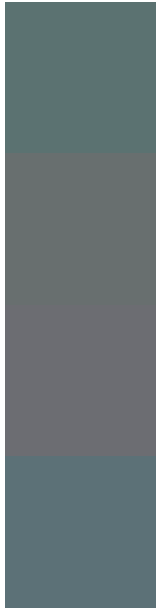
Dichromacy





Tritanopia
5D717A

Trichromacy



Original Color
5B7271

Protanomaly
686F6F

Deuteranomaly
6C6D72

Tritanomaly
5C7177

Monochromacy



Original Color
5B7271

Achromatopsia
6B6B6B

Achromatomaly
656E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7271 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 #5B7271 looks like.

```
.text, #text, p{  
    color:#5B7271  
}
```

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 #5B7271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7271
}
```

Border

The CSS property to change the border of an element to Hex 5B7271 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
#5B7271 }
```

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

```
.border{ border-color:#5B7271 }
```

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

Here you see how a box with a 4 pixel #5B7271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7271; -webkit-box-shadow:4px 4px  
4px 4px #5B7271; box-shadow:4px 4px 4px  
4px #5B7271 }
```

Background

The CSS property to change the background color of an element to Hex 5B7271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7271 }
```

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

```
.background{ background-color:#5B7271 }
```

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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