

Converting Colors

Hex(5B6157)

Have a look what the booklet for
Hex(5B6157) contains.

Hex(5B6157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B6157)

Conversions

Conversions Part 1

Format	Color
Hex	5B6157
RGB	91, 97, 87
RGB Percent	36%, 38%, 34%
CMY	0.6431, 0.6196, 0.6588
CMYK	0.06, 0.00, 0.10, 0.62
HSL	96°, 5%, 36%
HSV	96°, 10%, 38%
XYZ	10.3094, 11.4617, 10.6858
YIQ	94.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

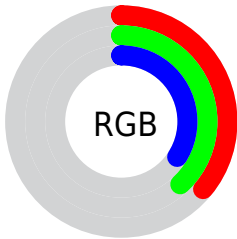
Format	Color
R_{YB}	87, 97, 93
Decimal	5988695
CIE Lab	40.35, -4.42, 4.90
CIE LCh	40, 6.600, 132.092
Yxy	11.4617, 0.3176, 0.3531
Android (android.graphics.Color)	4284178775 (0xFF5B6157)
YUV	94.0660, -3.4835, -2.6889
Hunter-Lab	33.8551, -4.8904, 4.9847

Details

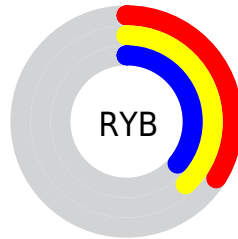
The Hex color **5B6157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D5761**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D9489**, and **2D332A** is the 20% darker color. If you saturate the color by 10%, you get **55614D**, and if you desaturate by 10%, it is **616161**.

Distribution



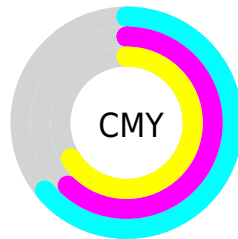
- Red (36%)
- Green (38%)
- Blue (34%)



- Red (34%)
- Yellow (38%)
- Blue (36%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (62%)



- Cyan (64%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6157 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 5B6157 by changing the saturation by 10% instead.

■ 5B6157

■ 5B6157

FFFFFF

■ 444940

■ 8D9489

■ 2D332A

■ A8AEA3

■ 191E15

■ C3CABE

■ 000200

■ DFE6DA

■ 000000

■ FBFFF6

■ 5B6157

■ 5B6157

■ 55614D

■ 616161

■ 4F6144

■ 67616A

■ 4A613A

■ 6C6174

■ 446130

■ 72617E

■ 3E6127

■ 786188

■ 38611D

■ 7E6191

■ 326113

■ 84619B

■ 2C6109

■ 8A61A5

■ 276100

■ 8F61AE

Harmonies

Analogous

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



615F55



5B6157



55625C

Triad

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



5B6157



566169



6B5B5D

Complementary

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



5B6157



5D5761

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.



685C63



5B6157



5C5F6A

Square

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



5B6157



526266



635D67



6A5C58

Rectangle

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



5B6157



53625F



635D67



6A5B5F

Sweetspot

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



5B6157



7B7D79



615D57



3E403D



BFBFBF



404040

Same Dimension

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



5B6157



747D6E



576158



2E302C



2D7000



60F000

Inverse Universe

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



5D5761



776E7D



615760



2F2C30



430070



9000F0

Previews

White Background



This preview shows how the Hex color 5B6157 looks on a white background.

Color Contrast Check

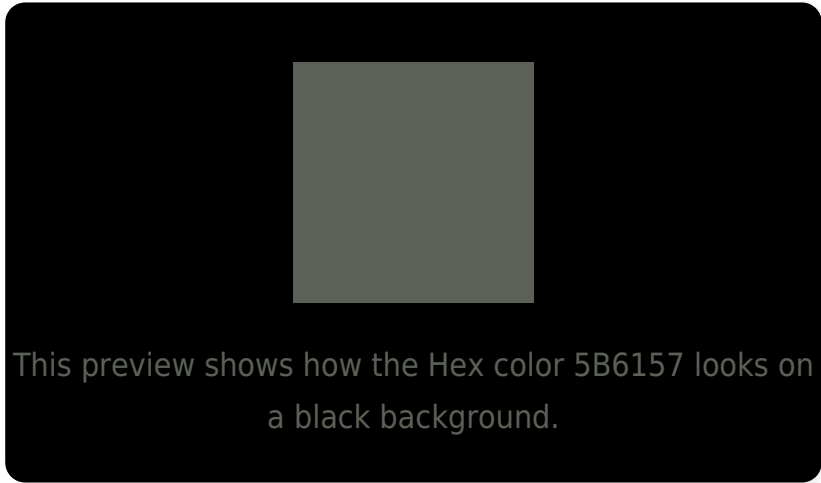
Large Text (above 18pt) WCAG AA ✓ Pass

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

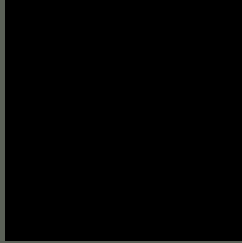
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

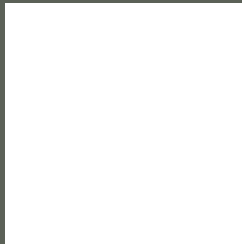
Any Text WCAG AAA × Fail

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

Hex 5B6157 Background



This preview shows how black text looks on a background with the Hex color 5B6157.



This preview shows how white text looks on a background with the Hex color 5B6157.

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
5B6157

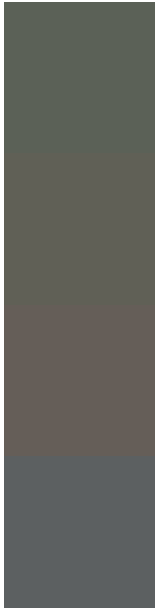
Protanopia
635F56

Deuteranopia
6B5C58



Tritanopia
5D5F66

Trichromacy



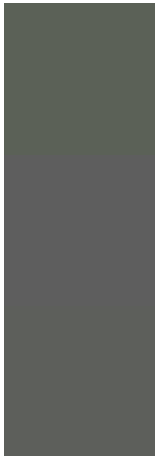
Original Color
5B6157

Protanomaly
606056

Deuteranomaly
655E58

Tritanomaly
5C6061

Monochromacy



Original Color
5B6157

Achromatopsia
5E5E5E

Achromatomaly
5D5F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6157 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 #5B6157 looks like.

```
.text, #text, p{  
    color:#5B6157  
}
```

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 #5B6157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6157
}
```

Border

The CSS property to change the border of an element to Hex 5B6157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

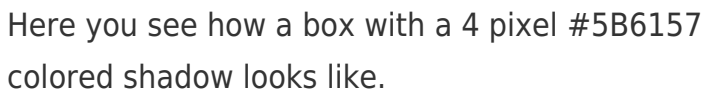
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B6157 }
```

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

```
.border{ border-color:#5B6157 }
```

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



Here you see how a box with a 4 pixel #5B6157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6157; -webkit-box-shadow:4px 4px  
4px 4px #5B6157; box-shadow:4px 4px 4px  
4px #5B6157 }
```

Background

The CSS property to change the background color of an element to Hex 5B6157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6157 }
```

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

```
.background{ background-color:#5B6157 }
```

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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