

Converting Colors

Hex(5B6459)

Have a look what the booklet for
Hex(5B6459) contains.

Hex(5B6459)	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(5B6459)

Conversions

Conversions Part 1

Format	Color
Hex	5B6459
RGB	91, 100, 89
RGB Percent	36%, 39%, 35%
CMY	0.6431, 0.6078, 0.6510
CMYK	0.09, 0.00, 0.11, 0.61
HSL	109°, 6%, 37%
HSV	109°, 11%, 39%
XYZ	10.6747, 12.0598, 11.2163
YIQ	96.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

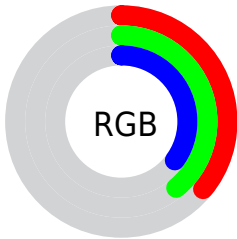
Format	Color
R_{YB}	89, 100, 98
Decimal	5989465
CIE Lab	41.31, -5.79, 5.06
CIE LCh	41, 7.690, 138.883
Yxy	12.0598, 0.3144, 0.3552
Android (android.graphics.Color)	4284179545 (0xFF5B6459)
YUV	96.0550, -3.4781, -4.4332
Hunter-Lab	34.7272, -5.9037, 5.1593

Details

The Hex color **5B6459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **625964**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8D978B**, and **2D352C** is the 20% darker color. If you saturate the color by 10%, you get **53644F**, and if you desaturate by 10%, it is **636463**.

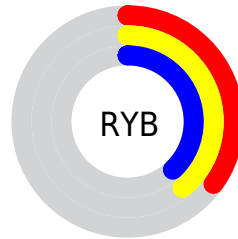
Distribution



Red (36%)

Green (39%)

Blue (35%)



Red (35%)

Yellow (39%)

Blue (38%)

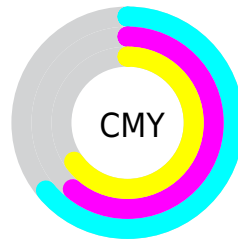


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6459 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 5B6459 by changing the saturation by 10% instead.



5B6459



5B6459

FFFFFF



444C42



8D978B



2D352C



A8B2A5



192017



C3CDC0



000900



DFE9DC



000000



FBFFF9



5B6459



5B6459



53644F



636463



4B6445



6B646D

■ 42643B

■ 746477

■ 3A6431

■ 7C6481

■ 326427

■ 84648B

■ 2A641D

■ 8C6495

■ 226413

■ 94649F

■ 1A6409

■ 9C64A9

■ 126400

■ A564B3

Harmonies

Analogous

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



626255



5B6459



55655F

Triad

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



5B6459



58636E



6F5D5E

Complementary

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



5B6459



625964

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.



6D5D64



5B6459



60616D

Square

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



5B6459



53646B



675F6A



6E5E58

Rectangle

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



5B6459



526563



675F6A



6F5D60

Sweetspot

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



5B6459



7F827E



646259



404240



C2C2C2



424242

Same Dimension

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



5B6459



748271



59645C



2F332E



157300



2CF200

Inverse Universe

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



625964



7F7182



645961



322E33



5E0073



C600F2

Previews

White Background



This preview shows how the Hex color 5B6459 looks on a white background.

Color Contrast Check

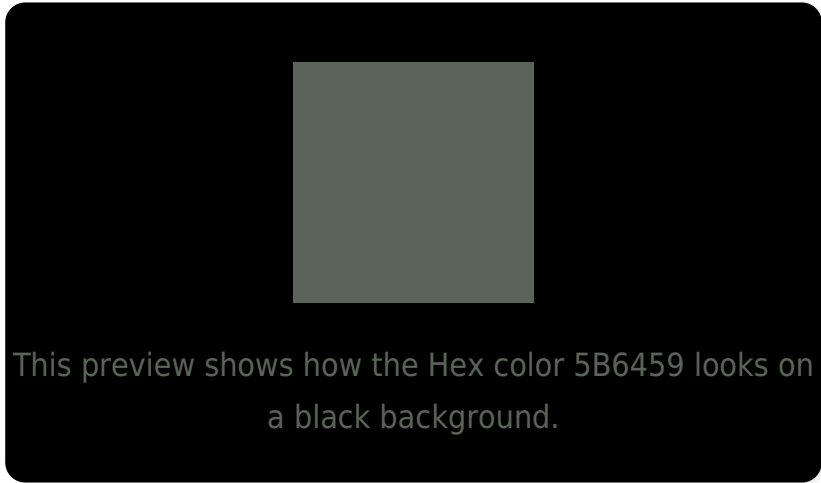
Large Text (above 18pt) WCAG AA ✓ Pass

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

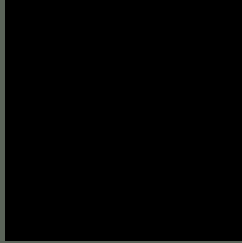
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

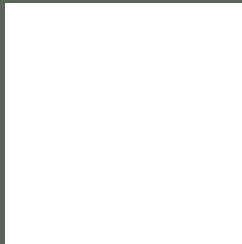
Any Text WCAG AAA × Fail

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

Hex 5B6459 Background



This preview shows how black text looks on a background with the Hex color 5B6459.

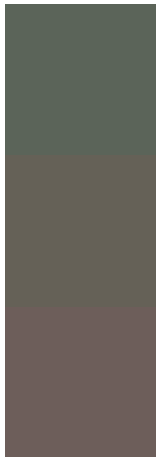


This preview shows how white text looks on a background with the Hex color 5B6459.

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
5B6459

Protanopia
656157

Deuteranopia
6D5E5A



Tritanopia
5E6269

Trichromacy



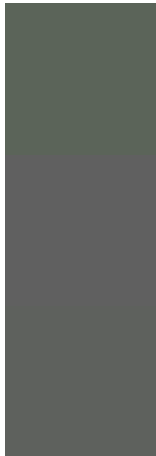
Original Color
5B6459

Protanomaly
616258

Deuteranomaly
66605A

Tritanomaly
5D6363

Monochromacy



Original Color
5B6459

Achromatopsia
606060

Achromatomaly
5E615D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6459 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 #5B6459 looks like.

```
.text, #text, p{  
    color:#5B6459  
}
```

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 #5B6459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6459
}
```

Border

The CSS property to change the border of an element to Hex 5B6459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

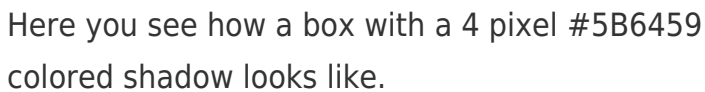
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B6459 }
```

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

```
.border{ border-color:#5B6459 }
```

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



Here you see how a box with a 4 pixel #5B6459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6459; -webkit-box-shadow:4px 4px  
4px 4px #5B6459; box-shadow:4px 4px 4px  
4px #5B6459 }
```

Background

The CSS property to change the background color of an element to Hex 5B6459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6459 }
```

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

```
.background{ background-color:#5B6459 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor