

Converting Colors

Hex(5C675E)

Have a look what the booklet for
Hex(5C675E) contains.

Hex(5C675E)	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(5C675E)

Conversions

Conversions Part 1

Format	Color
Hex	5C675E
RGB	92, 103, 94
RGB Percent	36%, 40%, 37%
CMY	0.6392, 0.5961, 0.6314
CMYK	0.11, 0.00, 0.09, 0.60
HSL	131°, 6%, 38%
HSV	131°, 11%, 40%
XYZ	11.2843, 12.7840, 12.4625
YIQ	98.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

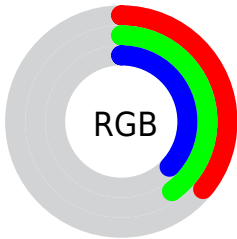
Format	Color
RYP	92, 101, 103
Decimal	6055774
CIELab	42.44, -6.14, 3.65
CIELCh	42, 7.137, 149.281
Yxy	12.7840, 0.3089, 0.3500
Android (android.graphics.Color)	4284245854 (0xFF5C675E)
YUV	98.6850, -2.3097, -5.8627
Hunter-Lab	35.7547, -6.2356, 4.3624

Details

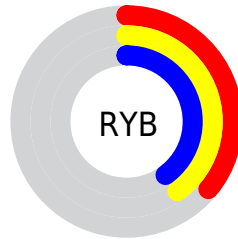
The Hex color **5C675E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675C65**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8E9A90**, and **2E3830** is the 20% darker color. If you saturate the color by 10%, you get **526756**, and if you desaturate by 10%, it is **666766**.

Distribution



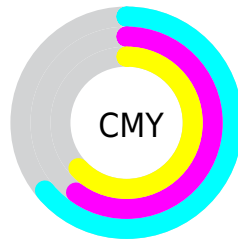
- Red (36%)
- Green (40%)
- Blue (37%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C675E 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 5C675E by changing the saturation by 10% instead.

■ 5C675E

■ 5C675E

FFFFFF

■ 444F46

■ 8E9A90

■ 2E3830

■ A9B5AB

■ 19231B

■ C4D0C6

■ 000D00

■ E0EDE2

■ 000000

FDFFFF

■ 5C675E

■ 5C675E

■ 526756

■ 666766

■ 47674D

■ 71676F

■ 3D6745

■ 7B6777

■ 33673C

■ 856780

■ 296734

■ 906788

■ 1E672B

■ 9A6791

■ 146723

■ A46799

■ 0A671B

■ AE67A1

■ 006713

■ B967AA

Harmonies

Analogous

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



63665A



5C675E



576864

Triad

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



5C675E



5E6570



71615F

Complementary

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



5C675E



675C65

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.



706065



5C675E



65636E

Square

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



5C675E



58666E



6C616A



6E625A

Rectangle

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



5C675E



566868



6C616A



716061

Sweetspot

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



5C675E



838784



65675C



424543



C4C4C4



454545

Same Dimension

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



5C675E



768779



5C6763



2E332F



007315



00F22C

Inverse Universe

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



675C65



877684



675C60



332E32



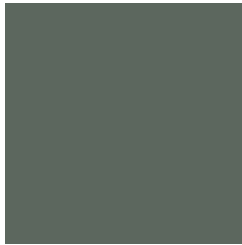
73005E



F200C6

Previews

White Background



This preview shows how the Hex color 5C675E looks on a white background.

Color Contrast Check

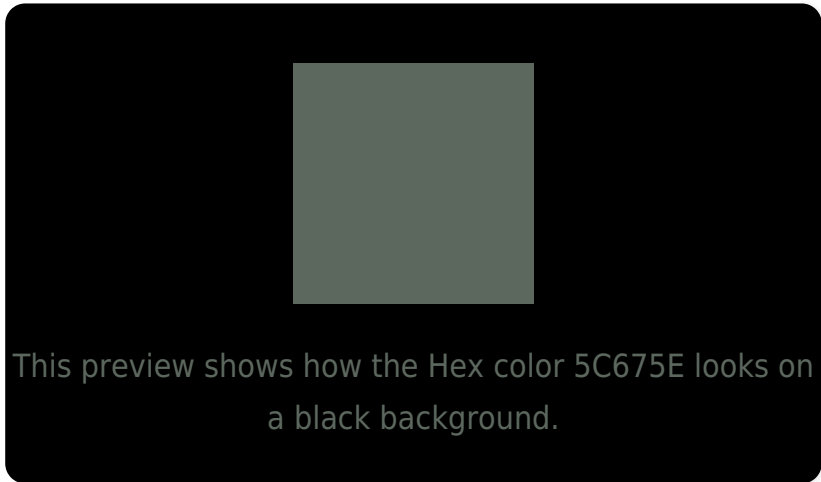
Large Text (above 18pt) WCAG AA ✓ Pass

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

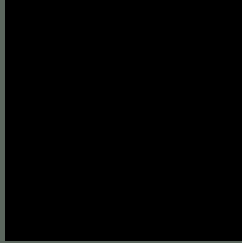
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

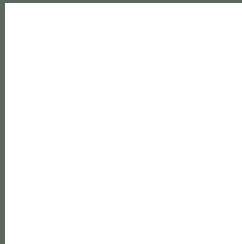
Any Text WCAG AAA × Fail

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

Hex 5C675E Background



This preview shows how black text looks on a background with the Hex color 5C675E.

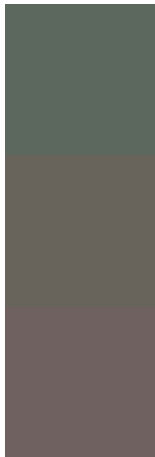


This preview shows how white text looks on a background with the Hex color 5C675E.

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](#).

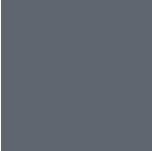
Dichromacy



Original Color
5C675E

Protanopia
68645C

Deuteranopia
6F615F



Tritanopia
5E656D

Trichromacy



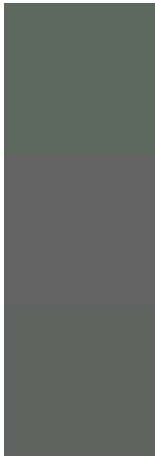
Original Color
5C675E

Protanomaly
64655D

Deuteranomaly
68635F

Tritanomaly
5D6668

Monochromacy



Original Color
5C675E

Achromatopsia
636363

Achromatomaly
606461

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C675E 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 #5C675E looks like.

```
.text, #text, p{  
    color:#5C675E  
}
```

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 #5C675E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C675E
}
```

Border

The CSS property to change the border of an element to Hex 5C675E is called "border". The border property can be set on classes, ids or directly on the HTML element.

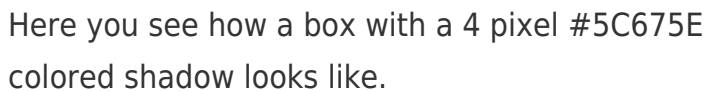
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C675E }
```

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

```
.border{ border-color:#5C675E }
```

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



Here you see how a box with a 4 pixel #5C675E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C675E; -webkit-box-shadow:4px 4px  
4px 4px #5C675E; box-shadow:4px 4px 4px  
4px #5C675E }
```

Background

The CSS property to change the background color of an element to Hex 5C675E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C675E }
```

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

```
.background{ background-color:#5C675E }
```

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