

Converting Colors

Hex(5B484E)

Have a look what the booklet for
Hex(5B484E) contains.

Hex(5B484E)	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(5B484E)

Conversions

Conversions Part 1

Format	Color
Hex	5B484E
RGB	91, 72, 78
RGB Percent	36%, 28%, 31%
CMY	0.6431, 0.7176, 0.6941
CMYK	0.00, 0.21, 0.14, 0.64
HSL	341°, 12%, 32%
HSV	341°, 21%, 36%
XYZ	8.0069, 7.4089, 8.2158
YIQ	78.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

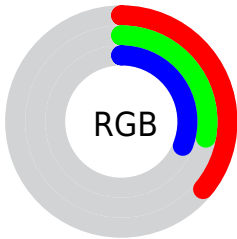
Format	Color
RYB	91, 72, 78
Decimal	5982286
CIELab	32.72, 9.18, -0.51
CIELCh	33, 9.199, 356.803
Yxy	7.4089, 0.3388, 0.3135
Android (android.graphics.Color)	4284172366 (0xFF5B484E)
YUV	78.3650, -0.1799, 11.0809
Hunter-Lab	27.2194, 4.8740, 1.1577

Details

The Hex color **5B484E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **485B55**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8D797F**, and **2D1C22** is the 20% darker color. If you saturate the color by 10%, you get **5B3F48**, and if you desaturate by 10%, it is **5B5154**.

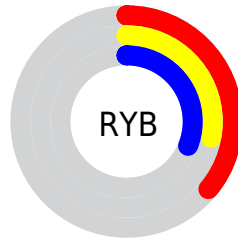
Distribution



Red (36%)

Green (28%)

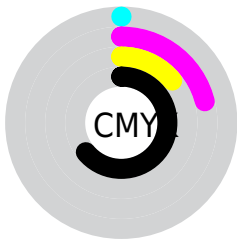
Blue (31%)



Red (36%)

Yellow (28%)

Blue (31%)

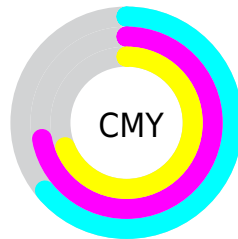


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (64%)



Cyan (64%)

Magenta (72%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B484E 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 5B484E by changing the saturation by 10% instead.



5B484E



5B484E

FFFFFF



433137



8D797F



2D1C22



A89299



1A030C



C3ADB4



000000



DFC8CF



FCE4EB



5B484E



5B484E



5B3F48



5B5154



5B3642



5B5A5A

■ 5B2D3B

■ 5B6361

■ 5B2435

■ 5B6C67

■ 5B1B2F

■ 5B766D

■ 5B1129

■ 5B7F73

■ 5B0822

■ 5B887A

■ 5B001D

■ 5B9180

■ 5B9A86

Harmonies

Analogous

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



564955



5B484E



5C4847

Triad

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



5B484E



4C4E40



3D5059

Complementary

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



5B484E



485B55

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.



3A5153



5B484E



435045

Square

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



5B484E



534C3F



3D514C



444E5B

Rectangle

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



5B484E



5B4943



3D514C



3B5057

Sweetspot

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



5B484E



756E70



55485B



3B3738



BABABA



3B3B3B

Same Dimension

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



5B484E



755861



5B4B48



2E292B



6E0023



ED004B

Inverse Universe

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



5B484E



755861



48585B



2E292B



6E0023



ED004B

Previews

White Background



This preview shows how the Hex color 5B484E looks on a white background.

Color Contrast Check

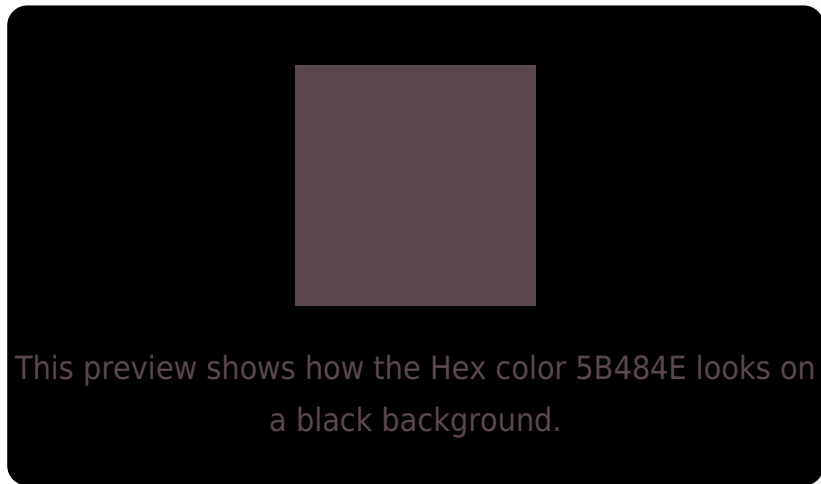
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

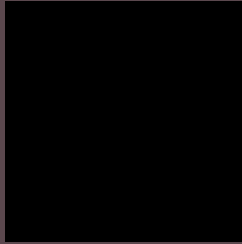
Any Text WCAG AA × Fail

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 5B484E Background



This preview shows how black text looks on a background with the Hex color 5B484E.



This preview shows how white text looks on a background with the Hex color 5B484E.

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](#).

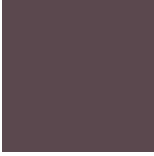
Dichromacy



Original Color
5B484E

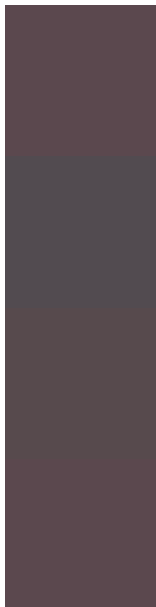
Protanopia
4D4D51

Deuteranopia
544B4D



Tritanopia
5B484E

Trichromacy



Original Color

5B484E

Protanomaly

524B50

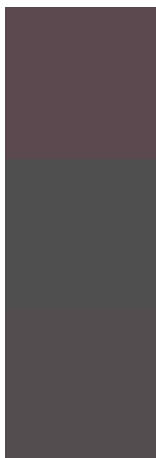
Deuteranomaly

574A4D

Tritanomaly

5B484E

Monochromacy



Original Color

5B484E

Achromatopsia

4E4E4E

Achromatomaly

534C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B484E 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 #5B484E looks like.

```
.text, #text, p{  
    color:#5B484E  
}
```

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 #5B484E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B484E
}
```

Border

The CSS property to change the border of an element to Hex 5B484E is called "border". The border property can be set on classes, ids or directly on the HTML element.

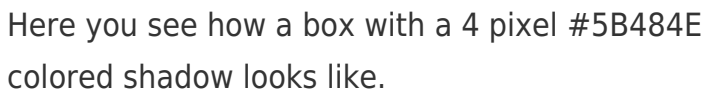
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B484E }
```

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

```
.border{ border-color:#5B484E }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin dark border. The shadow is a dark blue color, matching the #5B484E color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #5B484E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B484E; -webkit-box-shadow:4px 4px  
4px 4px #5B484E; box-shadow:4px 4px 4px  
4px #5B484E }
```

Background

The CSS property to change the background color of an element to Hex 5B484E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B484E }
```

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

```
.background{ background-color:#5B484E }
```

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