

Converting Colors

Hex(50445B)

Have a look what the booklet for
Hex(50445B) contains.

Hex(50445B)	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(50445B)

Conversions

Conversions Part 1

Format	Color
Hex	50445B
RGB	80, 68, 91
RGB Percent	31%, 27%, 36%
CMY	0.6863, 0.7333, 0.6431
CMYK	0.12, 0.25, 0.00, 0.64
HSL	271°, 14%, 31%
HSV	271°, 25%, 36%
XYZ	7.2637, 6.5950, 10.7877
YIQ	74.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

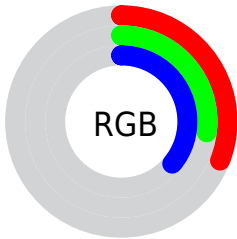
Format	Color
RYB	80, 68, 91
Decimal	5260379
CIELab	30.87, 10.17, -11.74
CIELCh	31, 15.534, 310.904
Yxy	6.5950, 0.2947, 0.2676
Android (android.graphics.Color)	4283450459 (0xFF50445B)
YUV	74.2100, 8.2775, 5.0778
Hunter-Lab	25.6808, 5.5465, -6.9292

Details

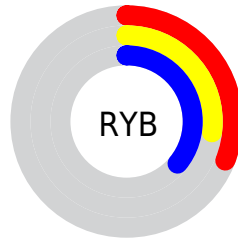
The Hex color **50445B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F5B44**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **81748D**, and **23192D** is the 20% darker color. If you saturate the color by 10%, you get **4C3B5B**, and if you desaturate by 10%, it is **544D5B**.

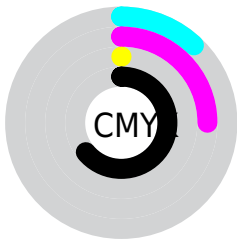
Distribution



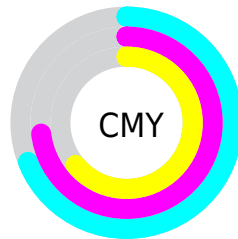
- Red (31%)
- Green (27%)
- Blue (36%)



- Red (31%)
- Yellow (27%)
- Blue (36%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50445B 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 50445B by changing the saturation by 10% instead.

■ 50445B

■ 50445B

FFFFFF

■ 392E43

■ 81748D

■ 23192D

■ 9C8EA8

■ 0F0019

■ B6A8C3

■ 000000

■ D2C3DF

■ EEDFFB

■ FFCCFF

■ 50445B

■ 50445B

■ 4C3B5B

■ 544D5B

47325B

59565B

43295B

5D5F5B

3F205B

61685B

3A165B

66725B

360D5B

6A7B5B

32045B

6E845B

2F005B

738D5B

77965B

Harmonies

Analogous

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



404860



50445B



5C4151

Triad

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



50445B



584532



264F4D

Complementary

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



50445B



4F5B44

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.



314F40



50445B



4D4931

Square

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



50445B



5F4239



3F4D36



244F58

Rectangle

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



50445B



604049



3F4D36



294F49

Sweetspot

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



50445B



716C75



444F5B



38353B



BABABA



3B3B3B

Same Dimension

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



50445B



645275



5B445B



2C292E



39006E



7C00ED

Inverse Universe

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



5B444F



755263



445B44



2E292C



6E0034



ED0071

Previews

White Background



This preview shows how the Hex color 50445B looks on a white background.

Color Contrast Check

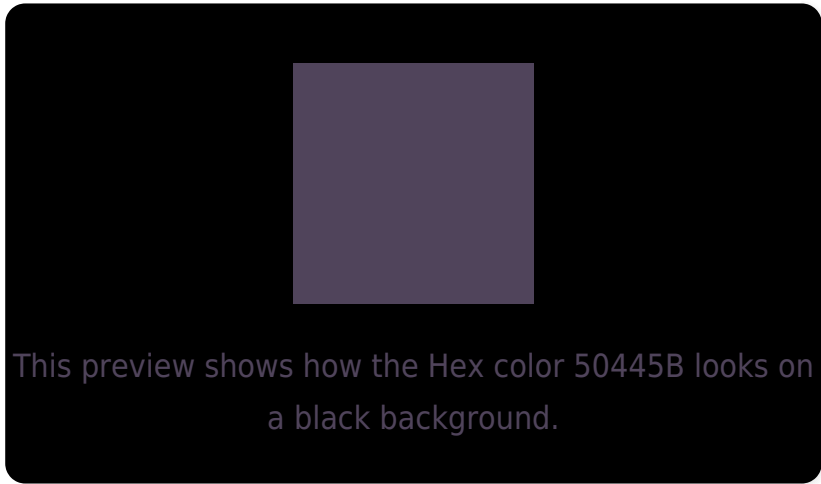
Large Text (above 18pt) WCAG AA ✓ Pass

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

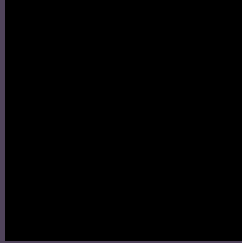
Any Text WCAG AA × Fail

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 50445B Background



This preview shows how black text looks on a background with the Hex color 50445B.

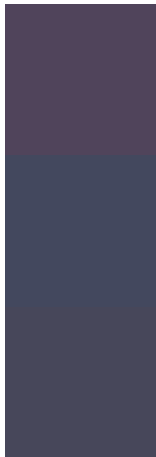


This preview shows how white text looks on a background with the Hex color 50445B.

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
50445B

Protanopia
43485E

Deuteranopia
47475A



Tritanopia
4E474C

Trichromacy



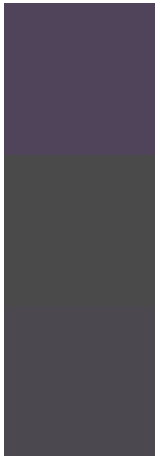
Original Color
50445B

Protanomaly
48475D

Deuteranomaly
4A465A

Tritanomaly
4F4651

Monochromacy



Original Color
50445B

Achromatopsia
4A4A4A

Achromatomaly
4C4850

CSS Examples

Text

The CSS property to change the color of the text to Hex 50445B 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 #50445B looks like.

```
.text, #text, p{  
    color:#50445B  
}
```

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 #50445B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50445B
}
```

Border

The CSS property to change the border of an element to Hex 50445B is called "border". The border property can be set on classes, ids or directly on the HTML element.

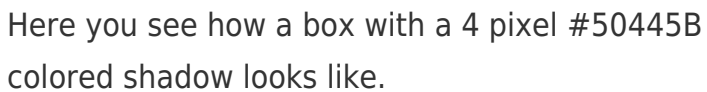
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50445B }
```

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

```
.border{ border-color:#50445B }
```

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



Here you see how a box with a 4 pixel #50445B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50445B; -webkit-box-shadow:4px 4px  
4px 4px #50445B; box-shadow:4px 4px 4px  
4px #50445B }
```

Background

The CSS property to change the background color of an element to Hex 50445B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50445B }
```

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

```
.background{ background-color:#50445B }
```

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