

Converting Colors

Hex(52465B)

Have a look what the booklet for
Hex(52465B) contains.

Hex(52465B)	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(52465B)

Conversions

Conversions Part 1

Format	Color
Hex	52465B
RGB	82, 70, 91
RGB Percent	32%, 27%, 36%
CMY	0.6784, 0.7255, 0.6431
CMYK	0.10, 0.23, 0.00, 0.64
HSL	274°, 13%, 32%
HSV	274°, 23%, 36%
XYZ	7.5582, 6.9295, 10.8367
YIQ	75.9820, 0.4110, 9.0750

Conversions

Conversions Part 2

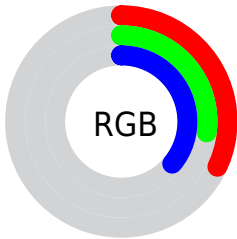
Format	Color
R_{YB}	82, 70, 91
Decimal	5391963
CIE Lab	31.65, 9.64, -10.54
CIE LCh	32, 14.283, 312.461
Yxy	6.9295, 0.2985, 0.2736
Android (android.graphics.Color)	4283582043 (0xFF52465B)
YUV	75.9820, 7.4039, 5.2778
Hunter-Lab	26.3239, 5.1843, -5.9810

Details

The Hex color **52465B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F5B46**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **84768D**, and **251B2D** is the 20% darker color. If you saturate the color by 10%, you get **4E3D5B**, and if you desaturate by 10%, it is **564F5B**.

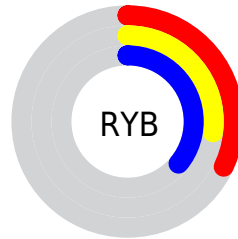
Distribution



Red (32%)

Green (27%)

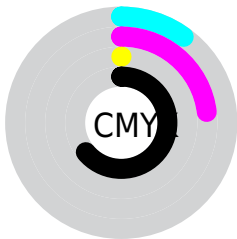
Blue (36%)



Red (32%)

Yellow (27%)

Blue (36%)

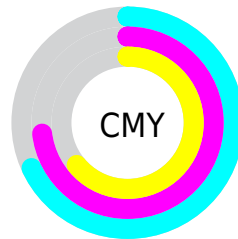


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (64%)



Cyan (68%)

Magenta (73%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52465B 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 52465B by changing the saturation by 10% instead.

■ 52465B

■ 52465B

FFFFFF

■ 3B3043

■ 84768D

■ 251B2D

■ 9E90A8

■ 110019

■ B9AAC3

■ 000000

■ D4C6DF

■ F1E2FB

FFFEFF

■ 52465B

■ 52465B

■ 4E3D5B

■ 564F5B

■ 4A345B

■ 5A585B

■ 462B5B

■ 5E615B

■ 42225B

■ 626A5B

■ 3E195B

■ 66745B

■ 3B0F5B

■ 697D5B

■ 37065B

■ 6D865B

■ 34005B

■ 718F5B

■ 75985B

Harmonies

Analogous

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



434A60



52465B



5D4351

Triad

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



52465B



594735



2B514F

Complementary

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



52465B



4F5B46

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.



355043



52465B



4E4B35

Square

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



52465B



5F443C



414E3A



2A5059

Rectangle

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



52465B



60424A



414E3A



2E514B

Sweetspot

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



52465B



726D75



464F5B



39363B



BABABA



3B3B3B

Same Dimension

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



52465B



675475



5B465A



2C292E



3F006E



8800ED

Inverse Universe

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



5B464F



755463



465B47



2E292B



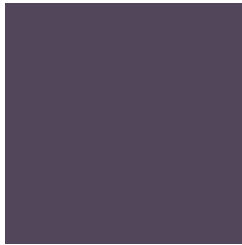
6E002F



ED0066

Previews

White Background



This preview shows how the Hex color 52465B looks on a white background.

Color Contrast Check

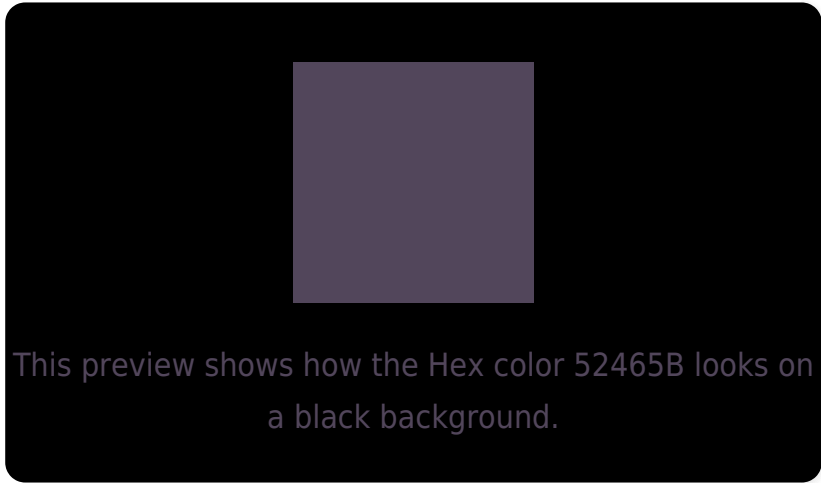
Large Text (above 18pt) WCAG AA ✓ Pass

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

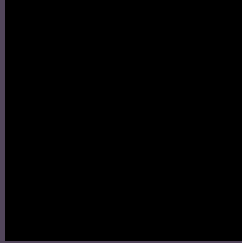
Any Text WCAG AA × Fail

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 52465B Background



This preview shows how black text looks on a background with the Hex color 52465B.

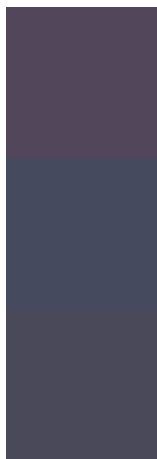


This preview shows how white text looks on a background with the Hex color 52465B.

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
52465B

Protanopia
464A5E

Deuteranopia
4A495A



Tritanopia
50484E

Trichromacy



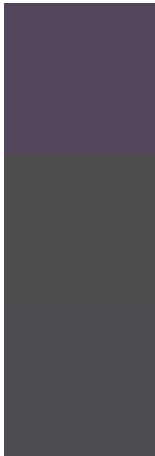
Original Color
52465B

Protanomaly
4A495D

Deuteranomaly
4D485A

Tritanomaly
514753

Monochromacy



Original Color
52465B

Achromatopsia
4C4C4C

Achromatomaly
4E4A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 52465B 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 #52465B looks like.

```
.text, #text, p{  
    color:#52465B  
}
```

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 #52465B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52465B
}
```

Border

The CSS property to change the border of an element to Hex 52465B is called "border". The border property can be set on classes, ids or directly on the HTML element.

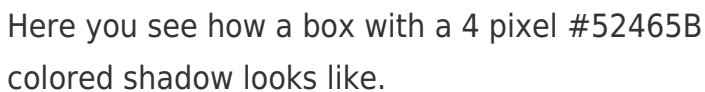
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52465B }
```

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

```
.border{ border-color:#52465B }
```

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



Here you see how a box with a 4 pixel #52465B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52465B; -webkit-box-shadow:4px 4px  
4px 4px #52465B; box-shadow:4px 4px 4px  
4px #52465B }
```

Background

The CSS property to change the background color of an element to Hex 52465B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52465B }
```

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

```
.background{ background-color:#52465B }
```

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