

Converting Colors

Hex(454A5B)

Have a look what the booklet for
Hex(454A5B) contains.

Hex(454A5B)	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(454A5B)

Conversions

Conversions Part 1

Format	Color
Hex	454A5B
RGB	69, 74, 91
RGB Percent	27%, 29%, 36%
CMY	0.7294, 0.7098, 0.6431
CMYK	0.24, 0.19, 0.00, 0.64
HSL	226°, 14%, 31%
HSV	226°, 24%, 36%
XYZ	6.7914, 6.9181, 10.8749
YIQ	74.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

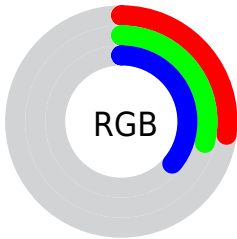
Format	Color
RYB	69, 73, 91
Decimal	4541019
CIELab	31.62, 2.22, -10.69
CIElCh	32, 10.919, 281.743
Yxy	6.9181, 0.2762, 0.2814
Android (android.graphics.Color)	4282731099 (0xFF454A5B)
YUV	74.4430, 8.1626, -4.7735
Hunter-Lab	26.3023, 0.0604, -6.1024

Details

The Hex color **454A5B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B5645**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **767B8D**, and **191E2D** is the 20% darker color. If you saturate the color by 10%, you get **3C435B**, and if you desaturate by 10%, it is **4E515B**.

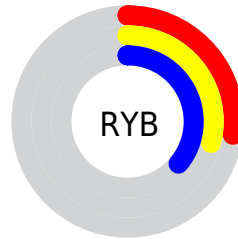
Distribution



Red (27%)

Green (29%)

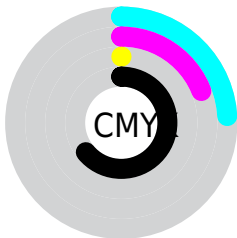
Blue (36%)



Red (27%)

Yellow (29%)

Blue (36%)

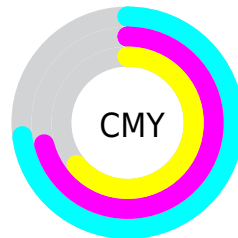


Cyan (24%)

Magenta (19%)

Yellow (0%)

Black (64%)



Cyan (73%)

Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454A5B 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 454A5B by changing the saturation by 10% instead.



454A5B



454A5B

FFFFFF



2E3344



767B8D



191E2D



8F94A8



000519



AAAF3



000000



C5CADF



E1E6FB

FEFFFF



454A5B



454A5B



3C435B



4E515B

■ 333C5B

■ 57585B

■ 2A355B

■ 605F5B

■ 212E5B

■ 69665B

■ 17275B

■ 736D5B

■ 0E205B

■ 7C745B

■ 05195B

■ 857B5B

■ 00155B

■ 8E825B

■ 97895B

Harmonies

Analogous

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



3A4D5A



454A5B



504757

Triad

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



454A5B



5B463F



3A4F45

Complementary

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



454A5B



5B5645

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.



444D3D



454A5B



56483A

Square

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



454A5B



5C4447



4D4B3A



344F4E

Rectangle

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



454A5B



564653



4D4B3A



3D4E42

Sweetspot

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



454A5B



6D6F75



455B56



36373B



BABABA



3B3B3B

Same Dimension

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



454A5B



535B75



4B455B



292A2E



00196E



0036ED

Inverse Universe

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



5B454A



75535B



555B45



2E292A



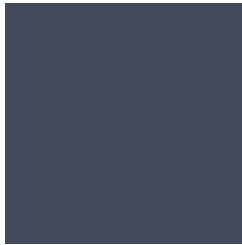
6E0019



ED0036

Previews

White Background



This preview shows how the Hex color 454A5B looks on a white background.

Color Contrast Check

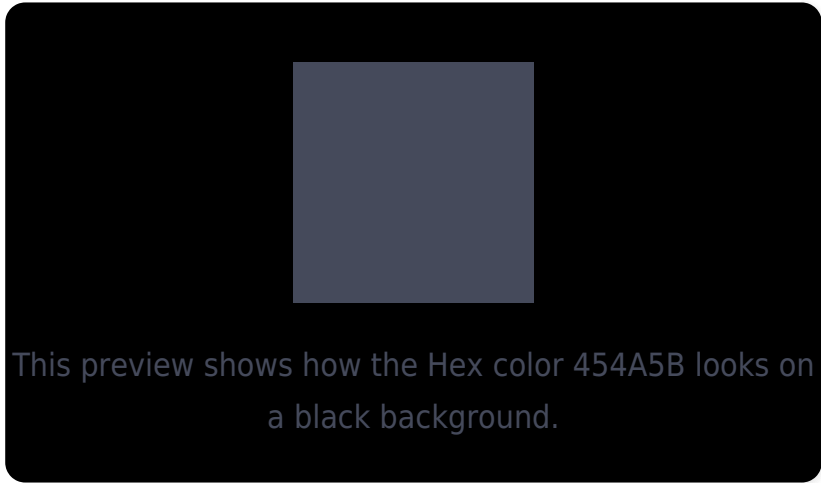
Large Text (above 18pt) WCAG AA ✓ Pass

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

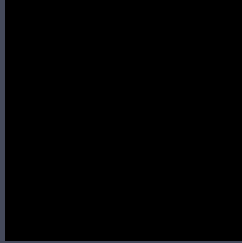
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

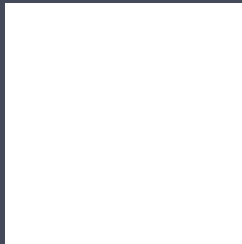
Any Text WCAG AAA × Fail

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

Hex 454A5B Background



This preview shows how black text looks on a background with the Hex color 454A5B.

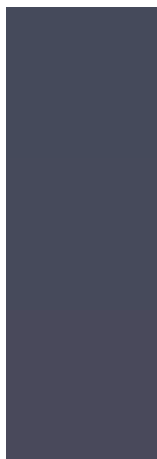


This preview shows how white text looks on a background with the Hex color 454A5B.

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

454A5B

Protanopia

464A5B

Deuteranopia

49495B



Tritanopia
434C52

Trichromacy



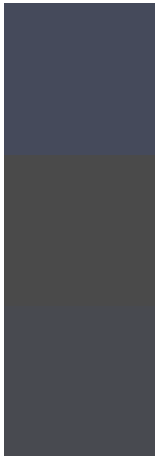
Original Color
454A5B

Protanomaly
464A5B

Deuteranomaly
48495B

Tritanomaly
444B55

Monochromacy



Original Color
454A5B

Achromatopsia
4A4A4A

Achromatomaly
484A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 454A5B 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 #454A5B looks like.

```
.text, #text, p{  
    color:#454A5B  
}
```

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 #454A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454A5B
}
```

Border

The CSS property to change the border of an element to Hex 454A5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

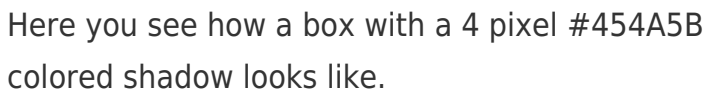
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454A5B }
```

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

```
.border{ border-color:#454A5B }
```

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



Here you see how a box with a 4 pixel #454A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454A5B; -webkit-box-shadow:4px 4px  
4px 4px #454A5B; box-shadow:4px 4px 4px  
4px #454A5B }
```

Background

The CSS property to change the background color of an element to Hex 454A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454A5B }
```

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

```
.background{ background-color:#454A5B }
```

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