

Converting Colors

Hex(464A59)

Have a look what the booklet for
Hex(464A59) contains.

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Color

Hex(464A59)

Conversions

Conversions Part 1

Format	Color
Hex	464A59
RGB	70, 74, 89
RGB Percent	27%, 29%, 35%
CMY	0.7255, 0.7098, 0.6510
CMYK	0.21, 0.17, 0.00, 0.65
HSL	227°, 12%, 31%
HSV	227°, 21%, 35%
XYZ	6.7777, 6.9209, 10.4298
YIQ	74.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

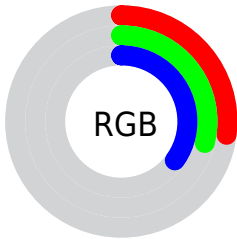
Format	Color
RYB	70, 73, 89
Decimal	4606553
CIELab	31.63, 2.06, -9.40
CIElCh	32, 9.618, 282.342
Yxy	6.9209, 0.2809, 0.2868
Android (android.graphics.Color)	4282796633 (0xFF464A59)
YUV	74.5140, 7.1416, -3.9588
Hunter-Lab	26.3076, -0.0507, -5.0906

Details

The Hex color **464A59** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **595546**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **777B8B**, and **1A1E2C** is the 20% darker color. If you saturate the color by 10%, you get **3D4359**, and if you desaturate by 10%, it is **4F5159**.

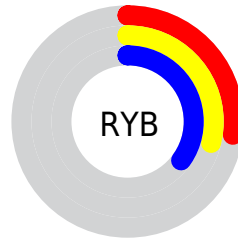
Distribution



Red (27%)

Green (29%)

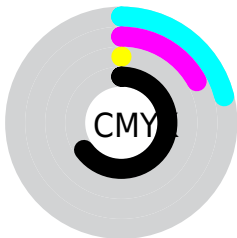
Blue (35%)



Red (27%)

Yellow (29%)

Blue (35%)

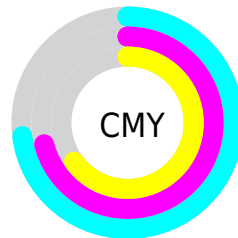


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (71%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464A59 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 464A59 by changing the saturation by 10% instead.



464A59



464A59

FFFFFF



2F3342



777B8B



1A1E2C



9094A5



000517



ABAFC0



000000



C6CADC



E2E6F9



464A59



464A59



3D4359



4F5159



343C59



585859

■ 2B3559

■ 615F59

■ 222E59

■ 6A6659

■ 1A2759

■ 736D59

■ 112059

■ 7B7459

■ 081959

■ 847B59

■ 001359

■ 8D8259

■ 968959

Harmonies

Analogous

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



3D4C59



464A59



504756

Triad

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



464A59



594641



3C4E46

Complementary

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



464A59



595546

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.



444D3F



464A59



54483C

Square

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



464A59



5A4547



4D4B3C



374F4D

Rectangle

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



464A59



554652



4D4B3C



3F4E43

Sweetspot

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



464A59



6C6D73



465955



37373B



BABABA



3B3B3B

Same Dimension

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



464A59



555B73



4B4659



27282B



00176B



0031EB

Inverse Universe

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



59464A



73555B



545946



2B2728



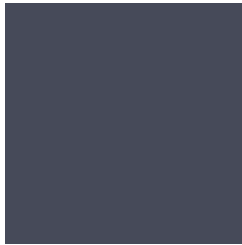
6B0017



EB0031

Previews

White Background



This preview shows how the Hex color 464A59 looks on a white background.

Color Contrast Check

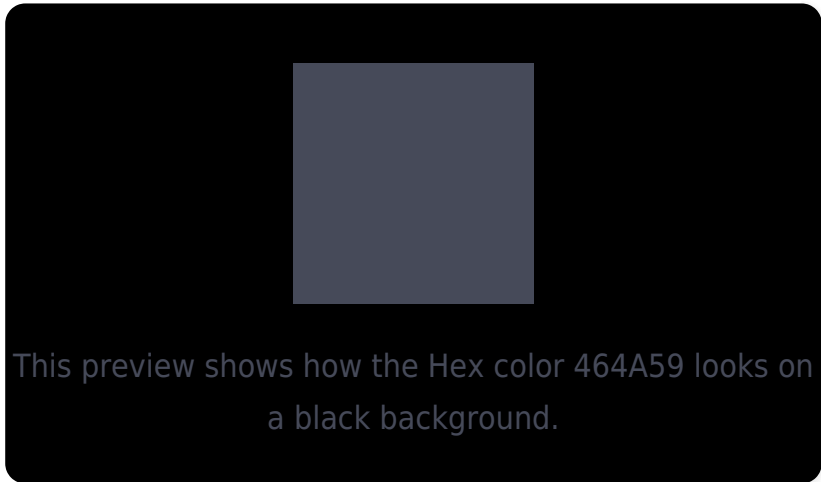
Large Text (above 18pt) WCAG AA ✓ Pass

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

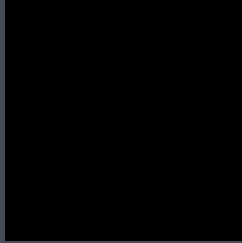
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

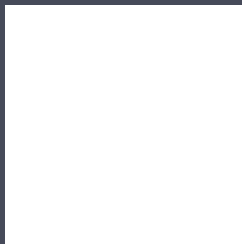
Any Text WCAG AAA × Fail

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

Hex 464A59 Background



This preview shows how black text looks on a background with the Hex color 464A59.

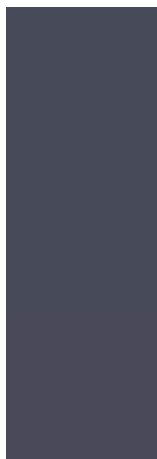


This preview shows how white text looks on a background with the Hex color 464A59.

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

464A59

Protanopia

474A59

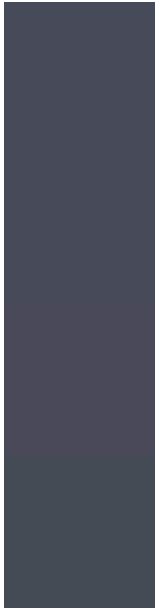
Deuteranopia

4A4959



Tritanopia
454B51

Trichromacy



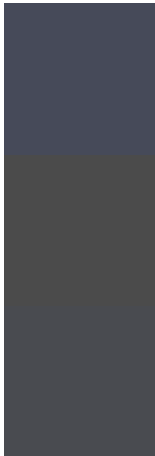
Original Color
464A59

Protanomaly
474A59

Deuteranomaly
494959

Tritanomaly
454B54

Monochromacy



Original Color
464A59

Achromatopsia
4B4B4B

Achromatomaly
494B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 464A59 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 #464A59 looks like.

```
.text, #text, p{  
    color:#464A59  
}
```

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 #464A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464A59
}
```

Border

The CSS property to change the border of an element to Hex 464A59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

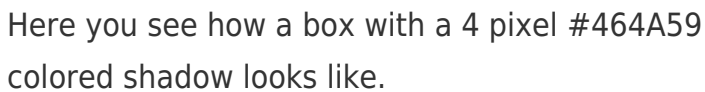
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464A59 }
```

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

```
.border{ border-color:#464A59 }
```

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



Here you see how a box with a 4 pixel #464A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464A59; -webkit-box-shadow:4px 4px  
4px 4px #464A59; box-shadow:4px 4px 4px  
4px #464A59 }
```

Background

The CSS property to change the background color of an element to Hex 464A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464A59 }
```

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

```
.background{ background-color:#464A59 }
```

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](#).

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