

Converting Colors

Hex(464A55)

Have a look what the booklet for
Hex(464A55) contains.

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Color

Hex(464A55)

Conversions

Conversions Part 1

Format	Color
Hex	464A55
RGB	70, 74, 85
RGB Percent	27%, 29%, 33%
CMY	0.7255, 0.7098, 0.6667
CMYK	0.18, 0.13, 0.00, 0.67
HSL	224°, 10%, 30%
HSV	224°, 18%, 33%
XYZ	6.6143, 6.8555, 9.5690
YIQ	74.0580, -5.9150, 2.5730

Conversions

Conversions Part 2

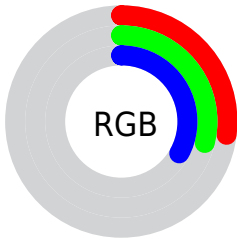
Format	Color
R_{YB}	70, 73, 85
Decimal	4606549
CIE Lab	31.48, 1.02, -7.07
CIE LCh	31, 7.139, 278.245
Yxy	6.8555, 0.2871, 0.2976
Android (android.graphics.Color)	4282796629 (0xFF464A55)
YUV	74.0580, 5.3944, -3.5589
Hunter-Lab	26.1831, -0.7284, -3.3402

Details

The Hex color **464A55** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **555146**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **767B87**, and **1A1E28** is the 20% darker color. If you saturate the color by 10%, you get **3D4455**, and if you desaturate by 10%, it is **4E5055**.

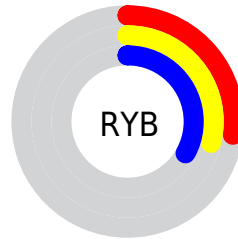
Distribution



Red (27%)

Green (29%)

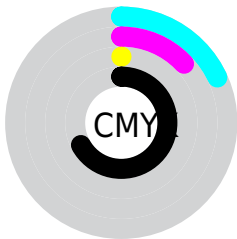
Blue (33%)



Red (27%)

Yellow (29%)

Blue (33%)

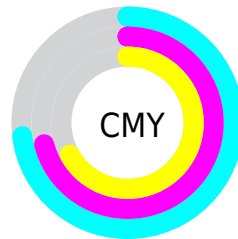


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (71%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464A55 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 464A55 by changing the saturation by 10% instead.



464A55



464A55

FFFFFF



30333E



767B87



1A1E28



9094A1



000514



ABAFBC



000000



C6CAD8



E2E6F4



464A55



464A55



3D4455



4E5055



353E55



575655

■ 2D3755

■ 605D55

■ 243155

■ 686355

■ 1C2B55

■ 716955

■ 132555

■ 796F55

■ 0B1E55

■ 827655

■ 021855

■ 8A7C55

■ 001755

■ 938255

Harmonies

Analogous

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



404C54



464A55



4D4853

Triad

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



464A55



564743



414D46

Complementary

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



464A55



555146

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.



474C41



464A55



524840

Square

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



464A55



564649



4D4A3F



3D4D4B

Rectangle

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



464A55



514750



4D4A3F



424D44

Sweetspot

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



464A55



686A6E



465551



353638



B8B8B8



383838

Same Dimension

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



464A55



575D6E



4A4655



27282B



001D6B



003FEB

Inverse Universe

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



55464A



6E575D



515546



2B2728



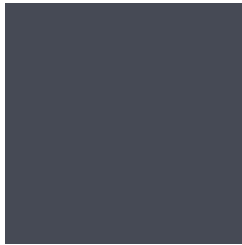
6B001D



EB003F

Previews

White Background



This preview shows how the Hex color 464A55 looks on a white background.

Color Contrast Check

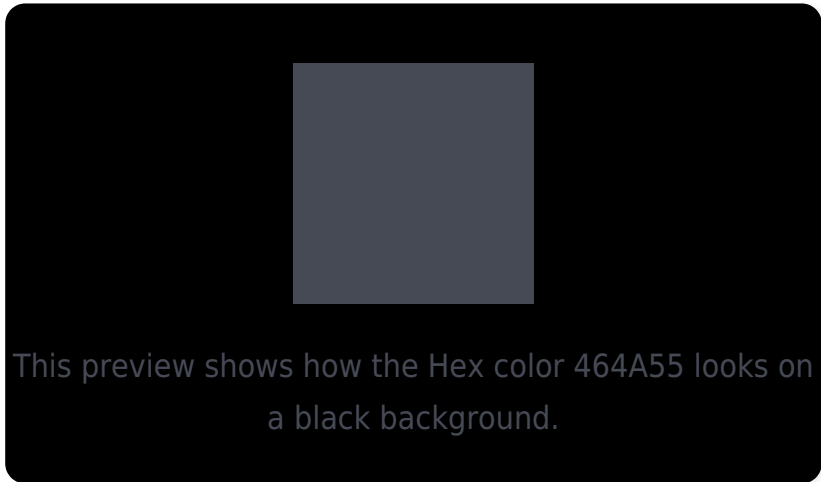
Large Text (above 18pt) WCAG AA ✓ Pass

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

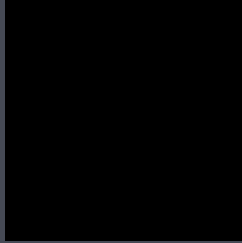
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

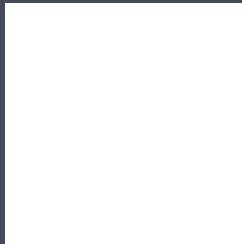
Any Text WCAG AAA × Fail

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

Hex 464A55 Background



This preview shows how black text looks on a background with the Hex color 464A55.



This preview shows how white text looks on a background with the Hex color 464A55.

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
464A55

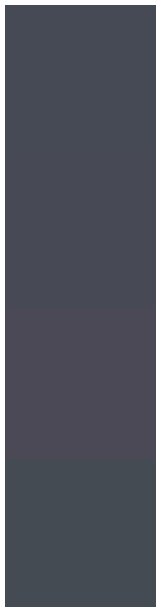
Protanopia
484955

Deuteranopia
4C4855



Tritanopia
454B51

Trichromacy



Original Color

464A55

Protanomaly

474955

Deuteranomaly

4A4955

Tritanomaly

454B52

Monochromacy



Original Color

464A55

Achromatopsia

4A4A4A

Achromatomaly

494A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 464A55 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 #464A55 looks like.

```
.text, #text, p{  
    color:#464A55  
}
```

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 #464A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464A55
}
```

Border

The CSS property to change the border of an element to Hex 464A55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

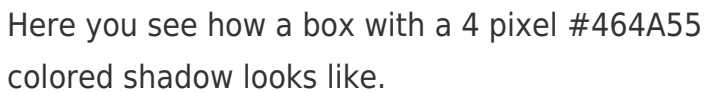
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464A55 }
```

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

```
.border{ border-color:#464A55 }
```

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



Here you see how a box with a 4 pixel #464A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464A55; -webkit-box-shadow:4px 4px  
4px 4px #464A55; box-shadow:4px 4px 4px  
4px #464A55 }
```

Background

The CSS property to change the background color of an element to Hex 464A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464A55 }
```

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

```
.background{ background-color:#464A55 }
```

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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