

Converting Colors

Hex(464E53)

Have a look what the booklet for
Hex(464E53) contains.

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Color

Hex(464E53)

Conversions

Conversions Part 1

Format	Color
Hex	464E53
RGB	70, 78, 83
RGB Percent	27%, 31%, 33%
CMY	0.7255, 0.6941, 0.6745
CMYK	0.16, 0.06, 0.00, 0.67
HSL	203°, 8%, 30%
HSV	203°, 16%, 33%
XYZ	6.8115, 7.3754, 9.2482
YIQ	76.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

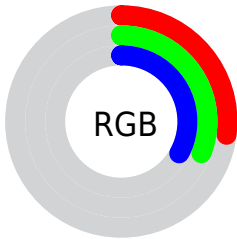
Format	Color
RYB	70, 75, 83
Decimal	4607571
CIELab	32.65, -2.00, -4.04
CIELCh	33, 4.509, 243.680
Yxy	7.3754, 0.2907, 0.3147
Android (android.graphics.Color)	4282797651 (0xFF464E53)
YUV	76.1780, 3.3632, -5.4181
Hunter-Lab	27.1577, -2.7558, -1.1801

Details

The Hex color **464E53** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **534B46**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **767F84**, and **1B2226** is the 20% darker color. If you saturate the color by 10%, you get **3E4B53**, and if you desaturate by 10%, it is **4E5153**.

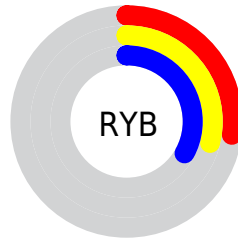
Distribution



Red (27%)

Green (31%)

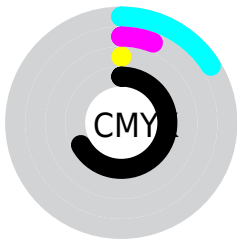
Blue (33%)



Red (27%)

Yellow (29%)

Blue (33%)

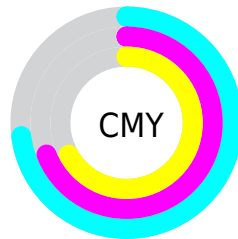


Cyan (16%)

Magenta (6%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (69%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464E53 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 464E53 by changing the saturation by 10% instead.

■ 464E53

■ 464E53

FFFFFF

■ 30373C

■ 767F84

■ 1B2226

■ 90999F

■ 000C12

■ ABB4B9

■ 000000

■ C6CFD5

■ E2EBF1

■ 464E53

■ 464E53

■ 3E4B53

■ 4E5153

■ 354853

■ 575453

■ 2D4453

■ 5F5853

■ 254153

■ 675B53

■ 1D3E53

■ 6F5E53

■ 143B53

■ 786153

■ 0C3853

■ 806453

■ 043453

■ 886853

■ 003353

■ 916B53

Harmonies

Analogous

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



444F51



464E53



4A4D54

Triad

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



464E53



544A4C



4B4E47

Complementary

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



464E53



534B46

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.



4F4D46



464E53



544B49

Square

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



464E53



524B50



534C47



474F4A

Rectangle

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



464E53



4D4C53



534C47



4D4D46

Sweetspot

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



464E53



66696B



46534B



323436



B5B5B5



363636

Same Dimension

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



464E53



57636B



464853



252729



004069



008FE8

Inverse Universe

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



53464E



6B5763



535146



292527



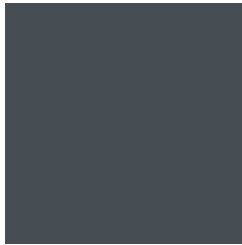
690040



E8008F

Previews

White Background



This preview shows how the Hex color 464E53 looks on a white background.

Color Contrast Check

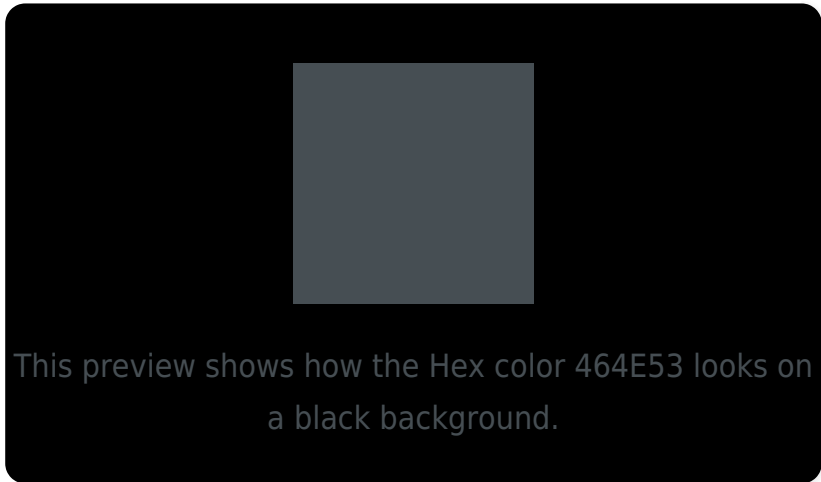
Large Text (above 18pt) WCAG AA ✓ Pass

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

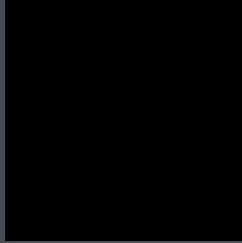
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

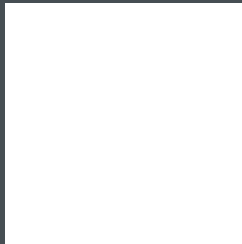
Any Text WCAG AAA × Fail

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

Hex 464E53 Background



This preview shows how black text looks on a background with the Hex color 464E53.

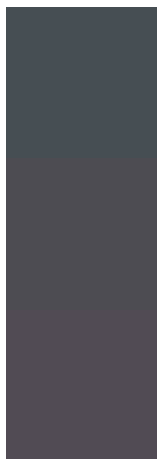


This preview shows how white text looks on a background with the Hex color 464E53.

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

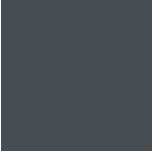
464E53

Protanopia

4D4C52

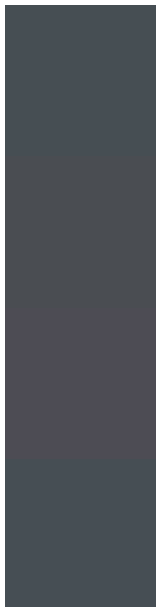
Deuteranopia

514B54



Tritanopia
464E54

Trichromacy



Original Color

464E53

Protanomaly

4A4D52

Deuteranomaly

4D4C54

Tritanomaly

464E54

Monochromacy



Original Color

464E53

Achromatopsia

4C4C4C

Achromatomaly

4A4D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 464E53 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 #464E53 looks like.

```
.text, #text, p{  
    color:#464E53  
}
```

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 #464E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464E53  
}
```

Border

The CSS property to change the border of an element to Hex 464E53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

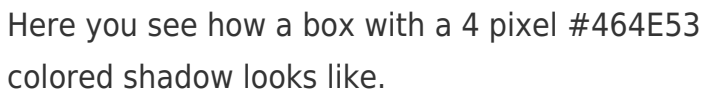
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#464E53 }
```

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

```
.border{ border-color:#464E53 }
```

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



Here you see how a box with a 4 pixel #464E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464E53; -webkit-box-shadow:4px 4px  
4px 4px #464E53; box-shadow:4px 4px 4px  
4px #464E53 }
```

Background

The CSS property to change the background color of an element to Hex 464E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464E53 }
```

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

```
.background{ background-color:#464E53 }
```

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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