

# Converting Colors

Hex(464B45)

Have a look what the booklet for  
Hex(464B45) contains.

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# Color

Hex(464B45)

# Conversions

## Conversions Part 1

Format	Color
Hex	464B45
RGB	70, 75, 69
RGB Percent	27%, 29%, 27%
CMY	0.7255, 0.7059, 0.7294
CMYK	0.07, 0.00, 0.08, 0.71
HSL	110°, 4%, 28%
HSV	110°, 8%, 29%
XYZ	6.1160, 6.7639, 6.6134
YIQ	72.8210, -1.0540, -2.9260

# Conversions

## Conversions Part 2

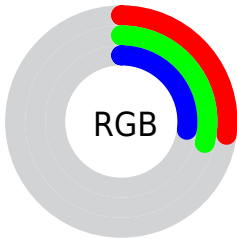
Format	Color
<a href="#">RYB</a>	<a href="#">69, 75, 74</a>
Decimal	<a href="#">4606789</a>
CIELab	<a href="#">31.26, -3.36, 2.87</a>
CIElCh	<a href="#">31, 4.419, 139.485</a>
Yxy	<a href="#">6.7639, 0.3137, 0.3470</a>
Android (android.graphics.Color)	<a href="#">4282796869 (0xFF464B45)</a>
YUV	<a href="#">72.8210, -1.8838, -2.4740</a>
Hunter-Lab	<a href="#">26.0075, -3.5364, 3.1285</a>

# Details

The Hex color **464B45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A454B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **767C75**, and **1B1F1A** is the 20% darker color. If you saturate the color by 10%, you get **404B3E**, and if you desaturate by 10%, it is **4C4B4D**.

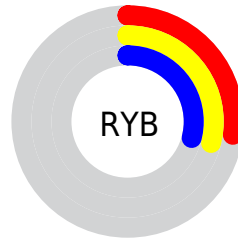
# Distribution



Red (27%)

Green (29%)

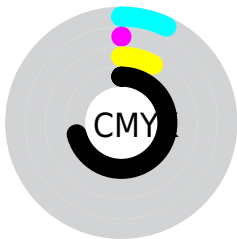
Blue (27%)



Red (27%)

Yellow (29%)

Blue (29%)

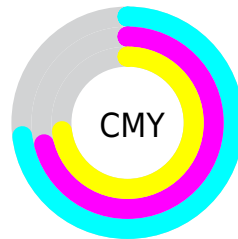


Cyan (7%)

Magenta (0%)

Yellow (8%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 464B45 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 464B45 by changing the saturation by 10% instead.





464B45



464B45

FFFFFF



30342F



767C75



1B1F1A



90968F



000700



AAB0A9



000000



C6CCC4



E2E8E0

FEFFFD



464B45



464B45



404B3E



4C4B4D

■ 3A4B36

■ 524B54

■ 334B2E

■ 594B5C

■ 2D4B27

■ 5F4B63

■ 274B1F

■ 654B6B

■ 214B18

■ 6B4B72

■ 1A4B10

■ 724B7A

■ 144B09

■ 784B81

■ 0E4B01

■ 7E4B89

# Harmonies

## Analogous

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



4A4A43



464B45



434C48

# Triad

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



464B45



454A50



514747

# Complementary

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



464B45



4A454B

# 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.



50474B



464B45



494950

# Square

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



464B45



424B4F



4D484E



504844

# Rectangle

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



464B45



414C4B



4D484E



514749



# Sweetspot

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



464B45



5F615F



4B4A45



30302F



B0B0B0



303030



# Same Dimension

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



464B45



596157



454B47



232622



116600



26E600



# Inverse Universe

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



4A454B



5F5761



4B4549



262226



550066



BF00E6



# Previews

## White Background



This preview shows how the Hex color 464B45 looks on a white background.

## Color Contrast Check

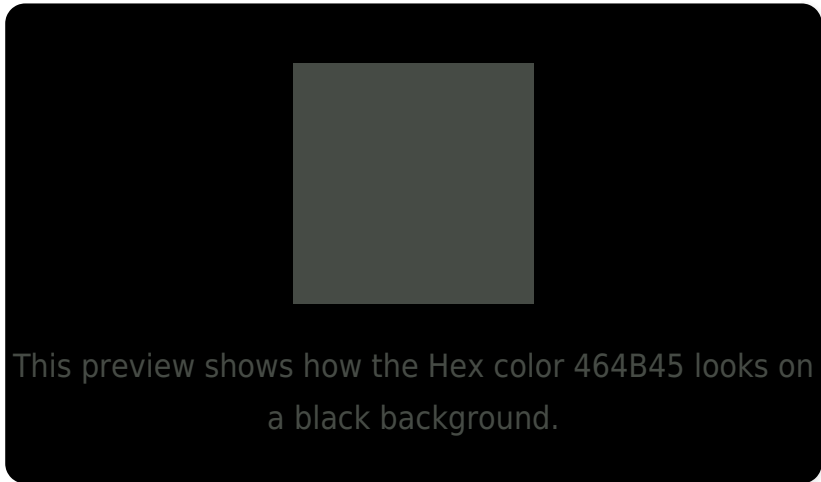
Large Text (above 18pt) WCAG AA ✓ Pass

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

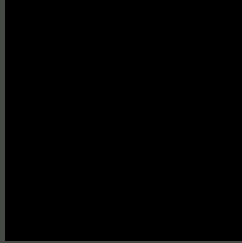
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 464B45 Background



This preview shows how black text looks on a background with the Hex color 464B45.



This preview shows how white text looks on a background with the Hex color 464B45.

# 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](#).

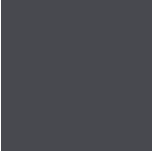
## Dichromacy



**Original Color**  
464B45

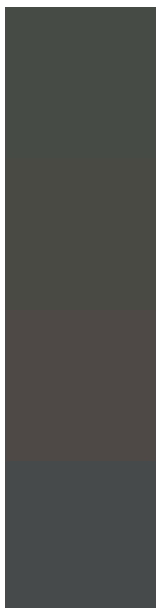
**Protanopia**  
4C4944

**Deuteranopia**  
524746



**Tritanopia**  
48494F

# Trichromacy



**Original Color**

464B45

**Protanomaly**

4A4A44

**Deuteranomaly**

4E4846

**Tritanomaly**

474A4B

# Monochromacy



**Original Color**

464B45

**Achromatopsia**

494949

**Achromatomaly**

484A48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 464B45 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 #464B45 looks like.

```
.text, #text, p{  
    color:#464B45  
}
```

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 #464B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464B45
}
```

## Border

The CSS property to change the border of an element to Hex 464B45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

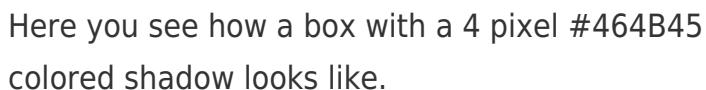
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464B45 }
```

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

```
.border{ border-color:#464B45 }
```

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



Here you see how a box with a 4 pixel #464B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464B45; -webkit-box-shadow:4px 4px  
4px 4px #464B45; box-shadow:4px 4px 4px  
4px #464B45 }
```

# Background

The CSS property to change the background color of an element to Hex 464B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464B45 }
```

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

```
.background{ background-color:#464B45 }
```

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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