

Converting Colors

Hex(4B3D45)

Have a look what the booklet for
Hex(4B3D45) contains.

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Color

Hex(4B3D45)

Conversions

Conversions Part 1

Format	Color
Hex	4B3D45
RGB	75, 61, 69
RGB Percent	29%, 24%, 27%
CMY	0.7059, 0.7608, 0.7294
CMYK	0.00, 0.19, 0.08, 0.71
HSL	326°, 10%, 27%
HSV	326°, 19%, 29%
XYZ	5.6446, 5.2630, 6.3486
YIQ	66.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

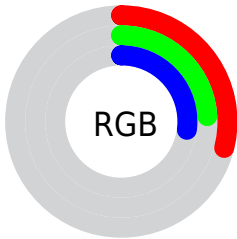
Format	Color
R _Y B	75, 61, 69
Decimal	4930885
CIE Lab	27.47, 7.70, -2.60
CIE LCh	27, 8.126, 341.317
Yxy	5.2630, 0.3271, 0.3050
Android (android.graphics.Color)	4283120965 (0xFF4B3D45)
YUV	66.0980, 1.4307, 7.8071
Hunter-Lab	22.9413, 3.7717, -0.3486

Details

The Hex color **4B3D45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D4B43**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7C6C75**, and **1F131A** is the 20% darker color. If you saturate the color by 10%, you get **4B3642**, and if you desaturate by 10%, it is **4B4548**.

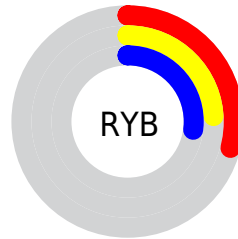
Distribution



 Red (29%)

 Green (24%)

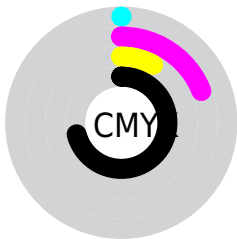
 Blue (27%)



 Red (29%)

 Yellow (24%)

 Blue (27%)

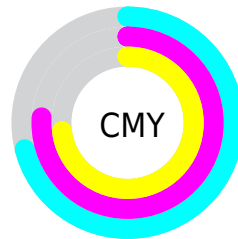


 Cyan (0%)

 Magenta (19%)

 Yellow (8%)

 Black (71%)



 Cyan (71%)

 Magenta (76%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3D45 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 4B3D45 by changing the saturation by 10% instead.

■ 4B3D45

■ 4B3D45

FFFFFF

■ 34272F

■ 7C6C75

■ 1F131A

■ 96868F

■ 000000

■ B0A0A9

■ CCBBC4

■ E8D7E0

■ FFF3FD

■ 4B3D45

■ 4B3D45

■ 4B3642

■ 4B4548

■ 4B2E3F

■ 4B4C4B

■ 4B273B

■ 4B544F

■ 4B1F38

■ 4B5B52

■ 4B1835

■ 4B6355

■ 4B1032

■ 4B6A58

■ 4B092E

■ 4B725C

■ 4B012B

■ 4B795F

■ 4B002B

■ 4B8162

Harmonies

Analogous

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



453F4A



4B3D45



4E3D3F

Triad

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



4B3D45



434135



314449

Complementary

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



4B3D45



3D4B43

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.



314543



4B3D45



3C4337

Square

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



4B3D45



493F35



36443D



35434C

Rectangle

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



4B3D45



4E3D3B



36443D



314447

Sweetspot

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



4B3D45



615B5E



433D4B



302D2F



B0B0B0



303030

Same Dimension

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



4B3D45



614C58



4B3D3E



262225



66003A



E60083

Inverse Universe

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



4B3D45



614C58



3D4B4A



262225



66003A



E60083

Previews

White Background



This preview shows how the Hex color 4B3D45 looks on a white background.

Color Contrast Check

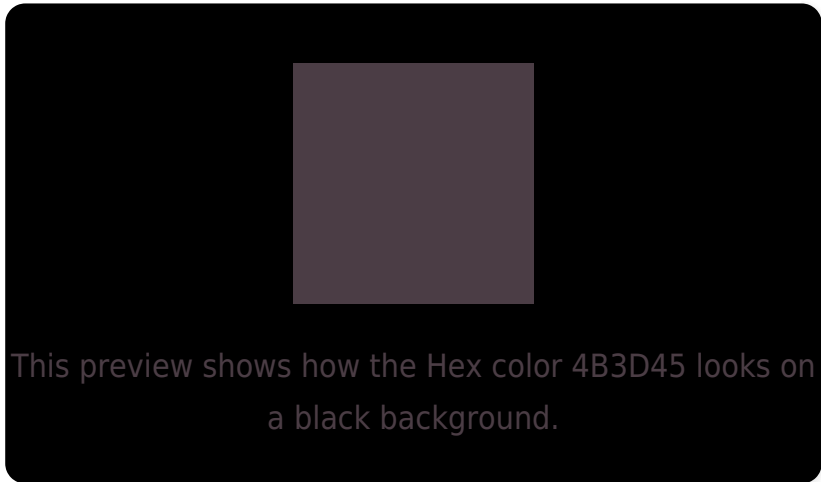
Large Text (above 18pt) WCAG AA ✓ Pass

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

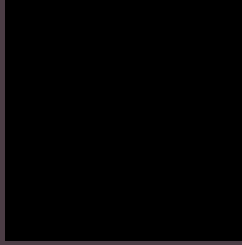
Any Text WCAG AA × Fail

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 4B3D45 Background



This preview shows how black text looks on a background with the Hex color 4B3D45.

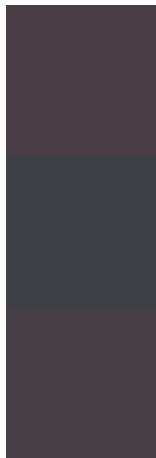


This preview shows how white text looks on a background with the Hex color 4B3D45.

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
4B3D45

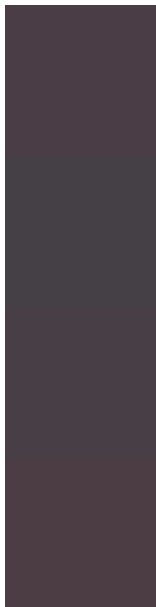
Protanopia
404147

Deuteranopia
463F45



Tritanopia
4B3D42

Trichromacy



Original Color

4B3D45

Protanomaly

444046

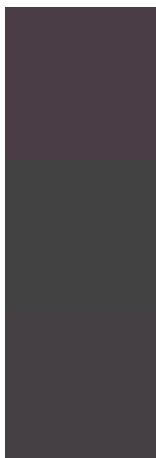
Deuteranomaly

483E45

Tritanomaly

4B3D43

Monochromacy



Original Color

4B3D45

Achromatopsia

424242

Achromatomaly

454043

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3D45 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 #4B3D45 looks like.

```
.text, #text, p{  
    color:#4B3D45  
}
```

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 #4B3D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3D45
}
```

Border

The CSS property to change the border of an element to Hex 4B3D45 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
#4B3D45 }
```

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

```
.border{ border-color:#4B3D45 }
```

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

Here you see how a box with a 4 pixel #4B3D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3D45; -webkit-box-shadow:4px 4px  
4px 4px #4B3D45; box-shadow:4px 4px 4px  
4px #4B3D45 }
```

Background

The CSS property to change the background color of an element to Hex 4B3D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3D45 }
```

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

```
.background{ background-color:#4B3D45 }
```

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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