

# Converting Colors

Hex(454B34)

Have a look what the booklet for  
Hex(454B34) contains.

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# Color

Hex(454B34)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	454B34
RGB	69, 75, 52
RGB Percent	27%, 29%, 20%
CMY	0.7294, 0.7059, 0.7961
CMYK	0.08, 0.00, 0.31, 0.71
HSL	76°, 18%, 25%
HSV	76°, 31%, 29%
XYZ	5.5902, 6.5453, 4.2175
YIQ	70.5840, 3.8070, -8.4250

# Conversions

## Conversions Part 2

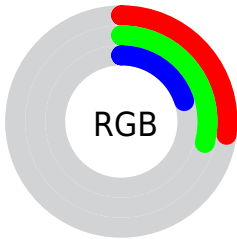
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 75, 58
Decimal	4541236
CIELab	30.75, -7.06, 12.93
CIElCh	31, 14.731, 118.622
Yxy	6.5453, 0.3418, 0.4003
Android (android.graphics.Color)	4282731316 (0xFF454B34)
YUV	70.5840, -9.1619, -1.3892
Hunter-Lab	25.5838, -5.7687, 8.1345

# Details

The Hex color **454B34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A344B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **757C63**, and **1A1F07** is the 20% darker color. If you saturate the color by 10%, you get **434B2D**, and if you desaturate by 10%, it is **474B3B**.

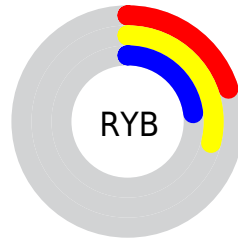
# Distribution



Red (27%)

Green (29%)

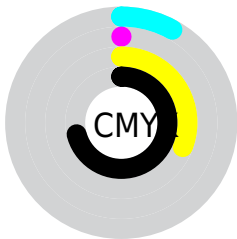
Blue (20%)



Red (20%)

Yellow (29%)

Blue (23%)

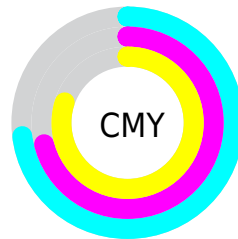


Cyan (8%)

Magenta (0%)

Yellow (31%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 454B34 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 454B34 by changing the saturation by 10% instead.



 454B34

 454B34

FFFFFF

 2E341F

 757C63

 1A1F07

 8F967C

 000500

 AAB095

 000000

 C5CCB0

 E1E8CC

 FEFFE8

 454B34

 454B34

 434B2D

 474B3B

■ 414B25

■ 494B43

■ 3F4B1D

■ 4B4B4B

■ 3D4B16

■ 4D4B52

■ 3B4B0E

■ 4F4B5A

■ 394B07

■ 514B61

■ 374B00

■ 534B69

■ 554B70

■ 574B78

# Harmonies

## Analogous

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



514731



454B34



384E3C

# Triad

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



454B34



2B4D5C



5E4049

# Complementary

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



454B34



3A344B

# 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.



574255



454B34



394A5F

# Square

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



454B34



254E53



49465C



5F413E

# Rectangle

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



454B34



2F4F43



49465C



5C404D



# Sweetspot

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



454B34



5F6158



4B3A34



2F302B



B0B0B0



303030



# Same Dimension

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



454B34



58613D



3A4B34



252622



4B6600



AAE600



# Inverse Universe

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



3A344B



463D61



45344B



232226



1B0066



3C00E6



# Previews

## White Background



This preview shows how the Hex color 454B34 looks on a white background.

## Color Contrast Check

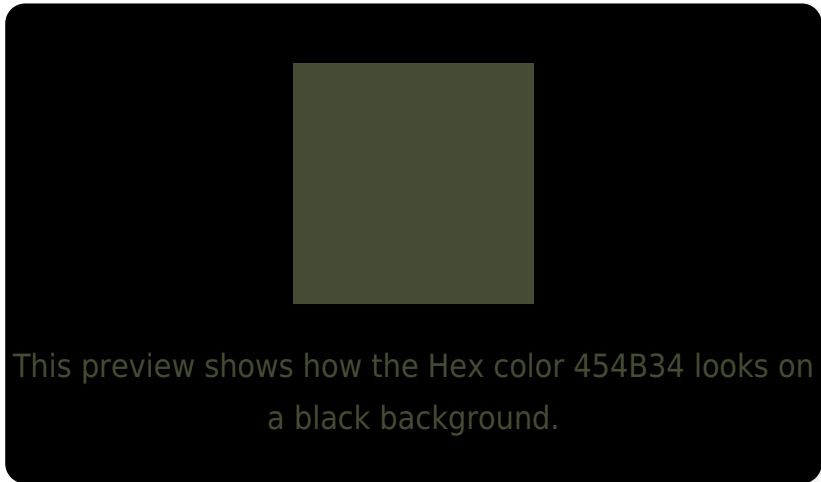
Large Text (above 18pt) WCAG AA ✓ Pass

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

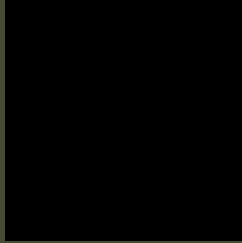
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

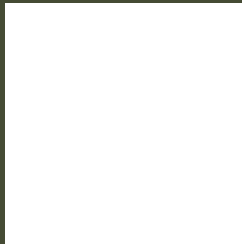
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 454B34 Background



This preview shows how black text looks on a background with the Hex color 454B34.

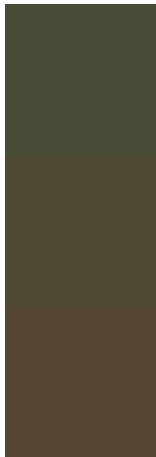


This preview shows how white text looks on a background with the Hex color 454B34.

# 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**  
454B34

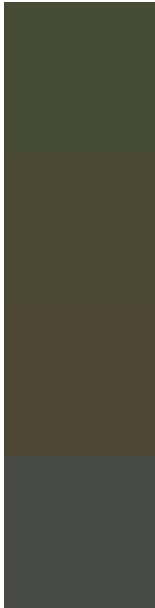
**Protanopia**  
4E4833

**Deuteranopia**  
554535



**Tritanopia**  
48484D

# Trichromacy



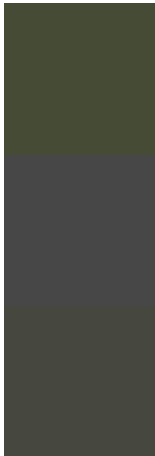
**Original Color**  
454B34

**Protanomaly**  
4B4933

**Deuteranomaly**  
4F4735

**Tritanomaly**  
474944

# Monochromacy



**Original Color**  
454B34

**Achromatopsia**  
474747

**Achromatomaly**  
464840

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 454B34 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 #454B34 looks like.

```
.text, #text, p{  
    color:#454B34  
}
```

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 #454B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454B34
}
```

## Border

The CSS property to change the border of an element to Hex 454B34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

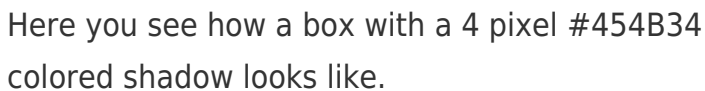
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454B34 }
```

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

```
.border{ border-color:#454B34 }
```

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



Here you see how a box with a 4 pixel #454B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454B34; -webkit-box-shadow:4px 4px  
4px 4px #454B34; box-shadow:4px 4px 4px  
4px #454B34 }
```

# Background

The CSS property to change the background color of an element to Hex 454B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454B34 }
```

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

```
.background{ background-color:#454B34 }
```

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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