

# Converting Colors

Hex(454B35)

Have a look what the booklet for  
Hex(454B35) contains.

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# Color

Hex(454B35)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	454B35
RGB	69, 75, 53
RGB Percent	27%, 29%, 21%
CMY	0.7294, 0.7059, 0.7922
CMYK	0.08, 0.00, 0.29, 0.71
HSL	76°, 17%, 25%
HSV	76°, 29%, 29%
XYZ	5.6129, 6.5544, 4.3375
YIQ	70.6980, 3.4860, -8.1140

# Conversions

## Conversions Part 2

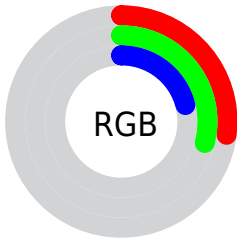
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 75, 59
Decimal	4541237
CIELab	30.77, -6.89, 12.33
CIElCh	31, 14.125, 119.177
Yxy	6.5544, 0.3401, 0.3971
Android (android.graphics.Color)	4282731317 (0xFF454B35)
YUV	70.6980, -8.7251, -1.4891
Hunter-Lab	25.6016, -5.6682, 7.8761

# Details

The Hex color **454B35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B354B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **757C64**, and **1A1F09** is the 20% darker color. If you saturate the color by 10%, you get **434B2E**, and if you desaturate by 10%, it is **474B3D**.

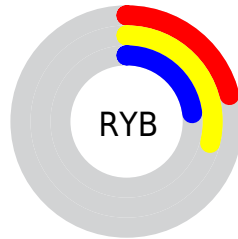
# Distribution



Red (27%)

Green (29%)

Blue (21%)



Red (21%)

Yellow (29%)

Blue (23%)

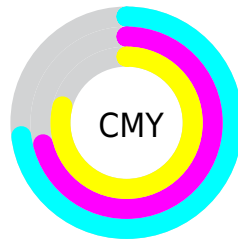


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 454B35 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 454B35 by changing the saturation by 10% instead.



 454B35

 454B35

FFFFFF

 2E3420

 757C64

 1A1F09

 8F967D

 000500

 AAB097

 000000

 C5CCB1

 E1E8CD

 FEF FE9

 454B35

 454B35

 434B2E

 474B3D

■ 414B26

■ 494B44

■ 3F4B1F

■ 4B4B4C

■ 3D4B17

■ 4D4B53

■ 3B4B10

■ 4F4B5A

■ 394B08

■ 514B62

■ 374B01

■ 534B6A

■ 374B00

■ 554B71

■ 574B79

# Harmonies

## Analogous

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



514832



454B35



384D3D

# Triad

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



454B35



2D4D5B



5E4049

# Complementary

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



454B35



3B354B

# 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.



564254



454B35



3A4A5E

# Square

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



454B35



284E53



4A465C



5F413E

# Rectangle

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



454B35



304E44



4A465C



5C414D



# Sweetspot

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



454B35



5F6158



4B3B35



2F302B



B0B0B0



303030



# Same Dimension

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



454B35



58613F



3A4B35



252622



4A6600



A7E600



# Inverse Universe

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



3B354B



483F61



46354B



232226



1C0066



3F00E6



# Previews

## White Background



This preview shows how the Hex color 454B35 looks on a white background.

## Color Contrast Check

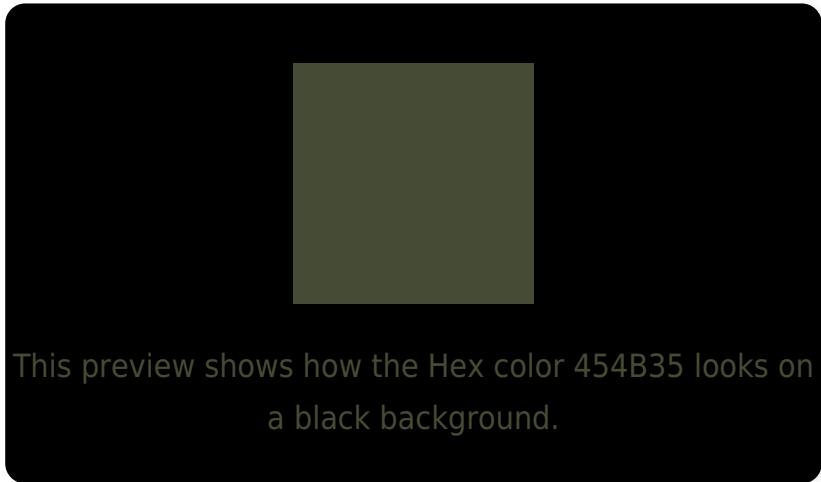
Large Text (above 18pt) WCAG AA ✓ Pass

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

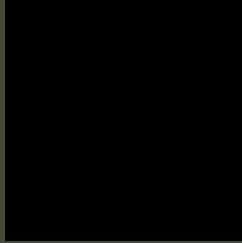
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

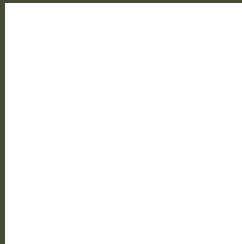
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 454B35 Background



This preview shows how black text looks on a background with the Hex color 454B35.



This preview shows how white text looks on a background with the Hex color 454B35.

# 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**  
454B35

**Protanopia**  
4E4834

**Deuteranopia**  
554536



**Tritanopia**  
48484E

# Trichromacy



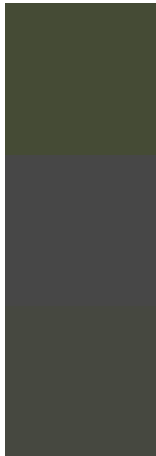
**Original Color**  
454B35

**Protanomaly**  
4B4934

**Deuteranomaly**  
4F4736

**Tritanomaly**  
474945

# Monochromacy



**Original Color**  
454B35

**Achromatopsia**  
474747

**Achromatomaly**  
464840

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 454B35 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 #454B35 looks like.

```
.text, #text, p{  
    color:#454B35  
}
```

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 #454B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454B35
}
```

## Border

The CSS property to change the border of an element to Hex 454B35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

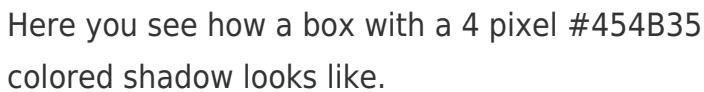
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454B35 }
```

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

```
.border{ border-color:#454B35 }
```

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



Here you see how a box with a 4 pixel #454B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454B35; -webkit-box-shadow:4px 4px  
4px 4px #454B35; box-shadow:4px 4px 4px  
4px #454B35 }
```

# Background

The CSS property to change the background color of an element to Hex 454B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454B35 }
```

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

```
.background{ background-color:#454B35 }
```

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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