

Converting Colors

Hex(454245)

Have a look what the booklet for
Hex(454245) contains.

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Color

Hex(454245)

Conversions

Conversions Part 1

Format	Color
Hex	454245
RGB	69, 66, 69
RGB Percent	27%, 26%, 27%
CMY	0.7294, 0.7412, 0.7294
CMYK	0.00, 0.04, 0.00, 0.73
HSL	300°, 2%, 26%
HSV	300°, 4%, 27%
XYZ	5.4766, 5.5913, 6.4208
YIQ	67.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

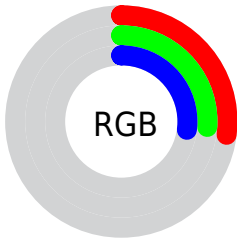
Format	Color
RYB	69, 66, 69
Decimal	4538949
CIELab	28.36, 1.93, -1.37
CIELCh	28, 2.363, 324.601
Yxy	5.5913, 0.3132, 0.3197
Android (android.graphics.Color)	4282729029 (0xFF454245)
YUV	67.2390, 0.8682, 1.5444
Hunter-Lab	23.6459, -0.0380, 0.4526

Details

The Hex color **454245** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424542**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **757275**, and **1A171A** is the 20% darker color. If you saturate the color by 10%, you get **453B45**, and if you desaturate by 10%, it is **454945**.

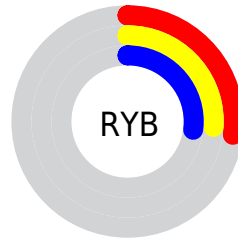
Distribution



Red (27%)

Green (26%)

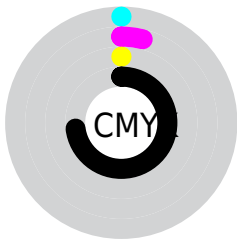
Blue (27%)



Red (27%)

Yellow (26%)

Blue (27%)

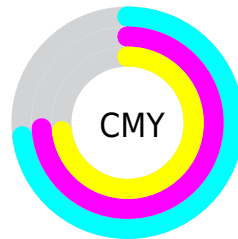


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (74%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454245 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 454245 by changing the saturation by 10% instead.

■ 454245

■ 454245

FFFFFF

■ 2F2C2F

■ 757275

■ 1A171A

■ 8F8B8F

■ 000000

■ A9A6A9

■ C4C1C4

■ E0DDE0

■ FDF9FD

■ 454245

■ 454245

■ 453B45

■ 454945

■ 453445

■ 455045

■ 452D45

■ 455745

■ 452645

■ 455E45

■ 452045

■ 456545

■ 451945

■ 456B45

■ 451245

■ 457245

■ 450B45

■ 457945

■ 450445

■ 458045

Harmonies

Analogous

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



434346



454245



464243

Triad

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



454245



45433F



3F4444

Complementary

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



454245



424542

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.



3F4442



454245



434340

Square

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



454245



464240



414441



3F4446

Rectangle

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



454245



474242



414441



3F4444

Sweetspot

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



454245



595859



424245



2E2D2E



ADADAD



2E2E2E

Same Dimension

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



454245



595559



454244



242224



630063



E300E3

Inverse Universe

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



454245



595559



424544



242224



630063



E300E3

Previews

White Background



This preview shows how the Hex color 454245 looks on a white background.

Color Contrast Check

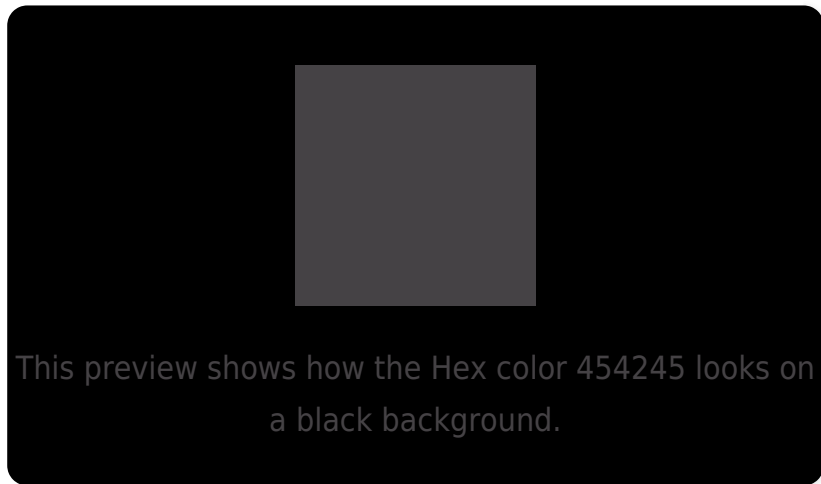
Large Text (above 18pt) WCAG AA ✓ Pass

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

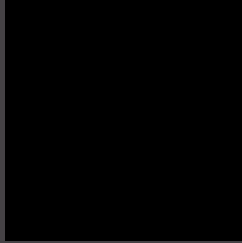
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

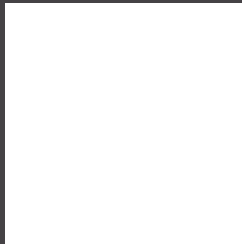
Any Text WCAG AAA × Fail

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

Hex 454245 Background



This preview shows how black text looks on a background with the Hex color 454245.



This preview shows how white text looks on a background with the Hex color 454245.

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
454245

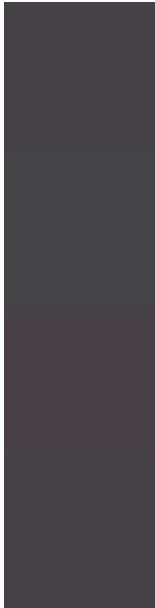
Protanopia
434345

Deuteranopia
484145



Tritanopia
454247

Trichromacy



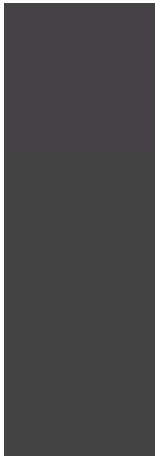
Original Color
454245

Protanomaly
444345

Deuteranomaly
474145

Tritanomaly
454246

Monochromacy



Original Color
454245

Achromatopsia
434343

Achromatomaly
444344

CSS Examples

Text

The CSS property to change the color of the text to Hex 454245 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 #454245 looks like.

```
.text, #text, p{  
    color:#454245  
}
```

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 #454245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454245
}
```

Border

The CSS property to change the border of an element to Hex 454245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

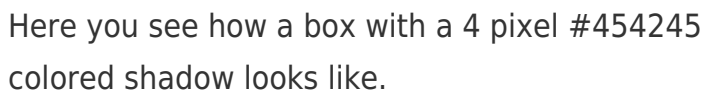
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454245 }
```

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

```
.border{ border-color:#454245 }
```

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



Here you see how a box with a 4 pixel #454245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454245; -webkit-box-shadow:4px 4px  
4px 4px #454245; box-shadow:4px 4px 4px  
4px #454245 }
```

Background

The CSS property to change the background color of an element to Hex 454245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454245 }
```

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

```
.background{ background-color:#454245 }
```

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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