

Converting Colors

Hex(445455)

Have a look what the booklet for
Hex(445455) contains.

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Color

Hex(445455)

Conversions

Conversions Part 1

Format	Color
Hex	445455
RGB	68, 84, 85
RGB Percent	27%, 33%, 33%
CMY	0.7333, 0.6706, 0.6667
CMYK	0.20, 0.01, 0.00, 0.67
HSL	184°, 11%, 30%
HSV	184°, 20%, 33%
XYZ	7.1939, 8.2255, 9.8028
YIQ	79.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

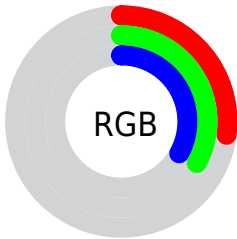
Format	Color
RYB	68, 76, 85
Decimal	4478037
CIELab	34.45, -5.95, -2.66
CIELCh	34, 6.515, 204.086
Yxy	8.2255, 0.2852, 0.3261
Android (android.graphics.Color)	4282668117 (0xFF445455)
YUV	79.3300, 2.7953, -9.9364
Hunter-Lab	28.6801, -5.4164, -0.1893

Details

The Hex color **445455** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554544**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **748687**, and **182728** is the 20% darker color. If you saturate the color by 10%, you get **3B5355**, and if you desaturate by 10%, it is **4C5455**.

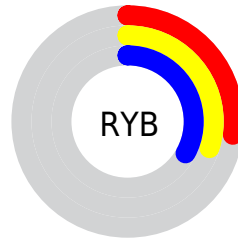
Distribution



Red (27%)

Green (33%)

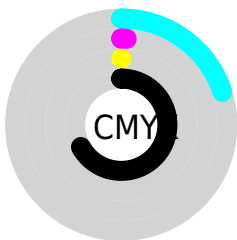
Blue (33%)



Red (27%)

Yellow (30%)

Blue (33%)

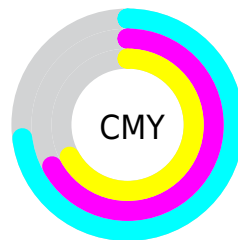


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445455 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 445455 by changing the saturation by 10% instead.

■ 445455

■ 445455

FFFFFF

■ 2D3D3E

■ 748687

■ 182728

■ 8EA0A1

■ 001314

■ A9BBBC

■ 000000

■ C4D6D7

■ EOF3F4

FDFFFF

■ 445455

■ 445455

■ 3B5355

■ 4C5455

■ 335355

■ 555555

■ 2A5255

■ 5E5555

■ 225255

■ 665655

■ 195255

■ 6E5655

■ 115155

■ 775755

■ 085155

■ 7F5755

■ 005055

■ 885855

■ 905855

Harmonies

Analogous

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



465450



445455



465359

Triad

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



445455



574E57



565047

Complementary

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



445455



554544

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.



5B4F49



445455



5B4E52

Square

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



445455



51505A



5C4E4D



515248

Rectangle

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



445455



48525B



5C4E4D



585047

Sweetspot

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



445455



676D6E



445545



343838



B8B8B8



383838

Same Dimension

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



445455



536C6E



444C55



272B2B



00656B



00DDEB

Inverse Universe

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



554454



6E536C



554D44



2B272B



6B0065



EB00DD

Previews

White Background



This preview shows how the Hex color 445455 looks on a white background.

Color Contrast Check

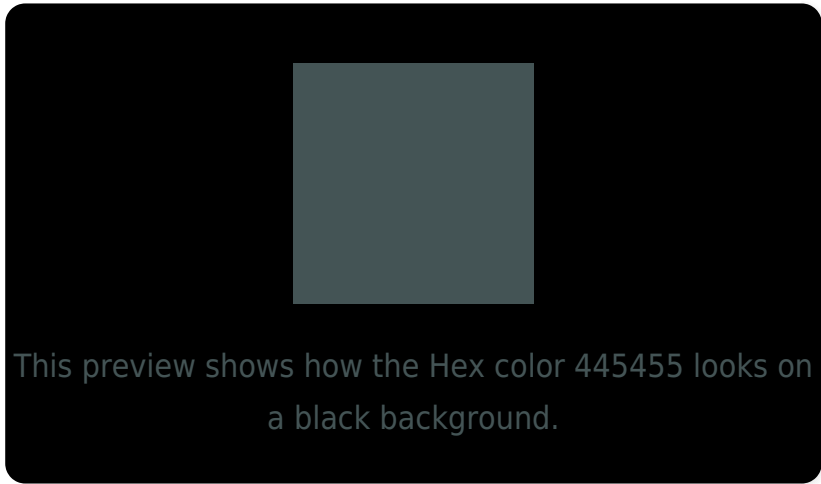
Large Text (above 18pt) WCAG AA ✓ Pass

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

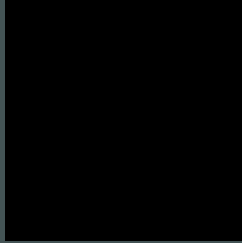
Any Text WCAG AA × Fail

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 445455 Background



This preview shows how black text looks on a background with the Hex color 445455.



This preview shows how white text looks on a background with the Hex color 445455.

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

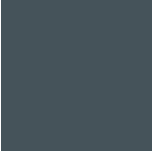
445455

Protanopia

525053

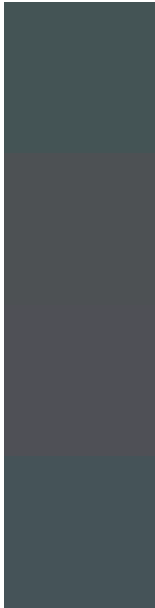
Deuteranopia

564E56



Tritanopia
45535A

Trichromacy



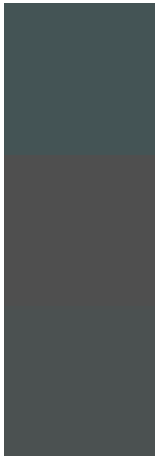
Original Color
445455

Protanomaly
4D5154

Deuteranomaly
4F5056

Tritanomaly
455358

Monochromacy



Original Color
445455

Achromatopsia
4F4F4F

Achromatomaly
4B5151

CSS Examples

Text

The CSS property to change the color of the text to Hex 445455 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 #445455 looks like.

```
.text, #text, p{  
    color:#445455  
}
```

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 #445455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445455
}
```

Border

The CSS property to change the border of an element to Hex 445455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

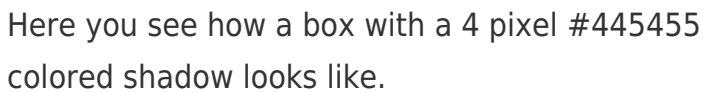
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#445455 }
```

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

```
.border{ border-color:#445455 }
```

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



Here you see how a box with a 4 pixel #445455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445455; -webkit-box-shadow:4px 4px  
4px 4px #445455; box-shadow:4px 4px 4px  
4px #445455 }
```

Background

The CSS property to change the background color of an element to Hex 445455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445455 }
```

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

```
.background{ background-color:#445455 }
```

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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