

Converting Colors

Hex(445555)

Have a look what the booklet for
Hex(445555) contains.

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Color

Hex(445555)

Conversions

Conversions Part 1

Format	Color
Hex	445555
RGB	68, 85, 85
RGB Percent	27%, 33%, 33%
CMY	0.7333, 0.6667, 0.6667
CMYK	0.20, 0.00, 0.00, 0.67
HSL	180°, 11%, 30%
HSV	180°, 20%, 33%
XYZ	7.2721, 8.3818, 9.8289
YIQ	79.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

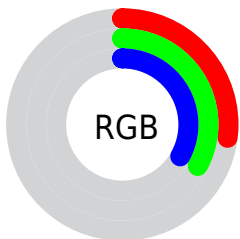
Format	Color
RYB	68, 77, 85
Decimal	4478293
CIELab	34.77, -6.55, -2.19
CIElCh	35, 6.910, 198.483
Yxy	8.3818, 0.2854, 0.3289
Android (android.graphics.Color)	4282668373 (0xFF445555)
YUV	79.9170, 2.5059, -10.4512
Hunter-Lab	28.9514, -5.8288, 0.1372

Details

The Hex color **445555** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554444**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **748787**, and **182828** is the 20% darker color. If you saturate the color by 10%, you get **3B5555**, and if you desaturate by 10%, it is **4C5555**.

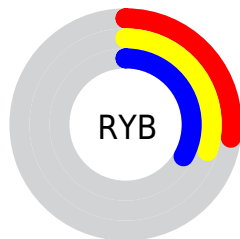
Distribution



Red (27%)

Green (33%)

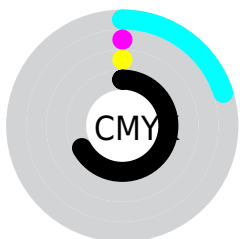
Blue (33%)



Red (27%)

Yellow (30%)

Blue (33%)

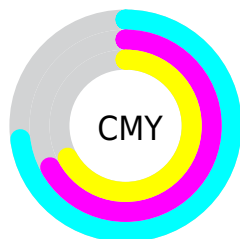


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445555 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 445555 by changing the saturation by 10% instead.



445555



445555

FFFFFF



2D3E3E



748787



182828



8EA1A1



001414



A9BCBC



000000



C4D8D7



E0F4F4

FDFFFF



445555



445555



3B5555



4C5555

■ 335555

■ 555555

■ 2A5555

■ 5E5555

■ 225555

■ 665555

■ 195555

■ 6E5555

■ 115555

■ 775555

■ 085555

■ 7F5555

■ 005555

■ 885555

■ 905555

Harmonies

Analogous

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



47554F



445555



45545A

Triad

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



445555



574F59



585147

Complementary

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



445555



554444

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.



5C4F4A



445555



5C4E54

Square

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



445555



50515C



5E4E4E



535247

Rectangle

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



445555



48535C



5E4E4E



5A5048

Sweetspot

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



445555



676E6E



445544



343838



B8B8B8



383838

Same Dimension

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



445555



536E6E



444C55



272B2B



006B6B



00EBEB

Inverse Universe

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



554455



6E536E



554C44



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 445555 looks on a white background.

Color Contrast Check

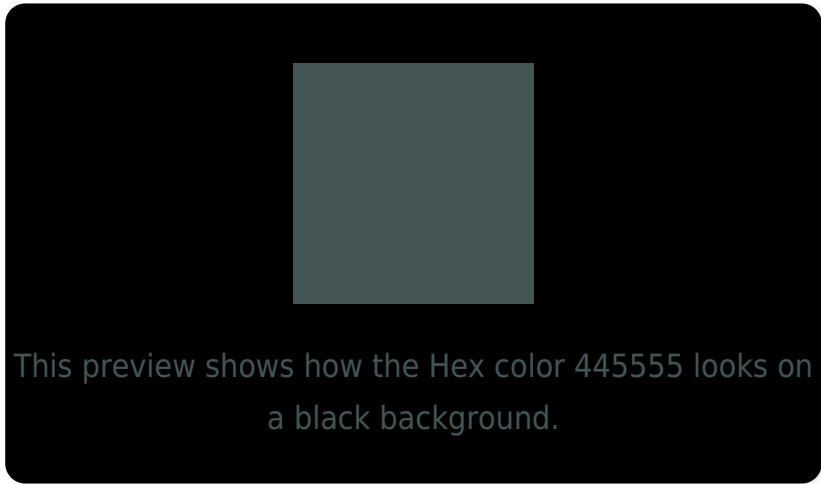
Large Text (above 18pt) WCAG AA ✓ Pass

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

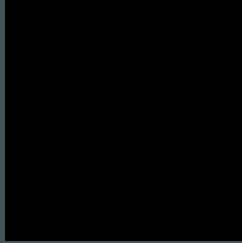
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

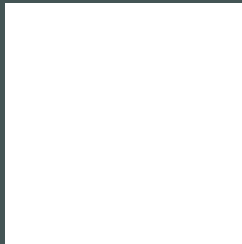
Any Text WCAG AAA × Fail

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

Hex 445555 Background



This preview shows how black text looks on a background with the Hex color 445555.



This preview shows how white text looks on a background with the Hex color 445555.

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
445555

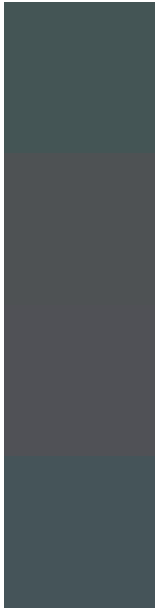
Protanopia
535153

Deuteranopia
574F56



Tritanopia
45545B

Trichromacy



Original Color
445555

Protanomaly
4E5254

Deuteranomaly
505156

Tritanomaly
455459

Monochromacy



Original Color
445555

Achromatopsia
505050

Achromatomaly
4C5252

CSS Examples

Text

The CSS property to change the color of the text to Hex 445555 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 #445555 looks like.

```
.text, #text, p{  
    color:#445555  
}
```

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 #445555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445555  
}
```

Border

The CSS property to change the border of an element to Hex 445555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

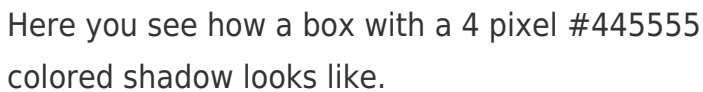
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#445555 }
```

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

```
.border{ border-color:#445555 }
```

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



Here you see how a box with a 4 pixel #445555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445555; -webkit-box-shadow:4px 4px  
4px 4px #445555; box-shadow:4px 4px 4px  
4px #445555 }
```

Background

The CSS property to change the background color of an element to Hex 445555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445555 }
```

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

```
.background{ background-color:#445555 }
```

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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