

Converting Colors

Hex(445648)

Have a look what the booklet for
Hex(445648) contains.

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Color

Hex(445648)

Conversions

Conversions Part 1

Format	Color
Hex	445648
RGB	68, 86, 72
RGB Percent	27%, 34%, 28%
CMY	0.7333, 0.6627, 0.7176
CMYK	0.21, 0.00, 0.16, 0.66
HSL	133°, 12%, 30%
HSV	133°, 21%, 34%
XYZ	6.8814, 8.3524, 7.3804
YIQ	79.0220, -6.2340, -8.1700

Conversions

Conversions Part 2

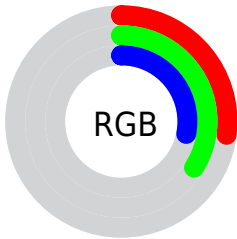
Format	Color
RYB	68, 83, 86
Decimal	4478536
CIELab	34.71, -10.17, 5.88
CIElCh	35, 11.746, 149.968
Yxy	8.3524, 0.3043, 0.3693
Android (android.graphics.Color)	4282668616 (0xFF445648)
YUV	79.0220, -3.4618, -9.6663
Hunter-Lab	28.9005, -8.0740, 5.0894

Details

The Hex color **445648** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **564452**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **748878**, and **18291D** is the 20% darker color. If you saturate the color by 10%, you get **3B5641**, and if you desaturate by 10%, it is **4D564F**.

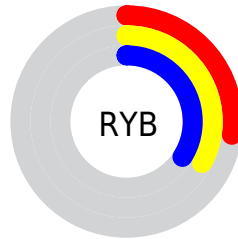
Distribution



Red (27%)

Green (34%)

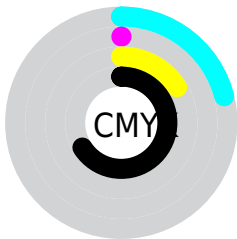
Blue (28%)



Red (27%)

Yellow (33%)

Blue (34%)

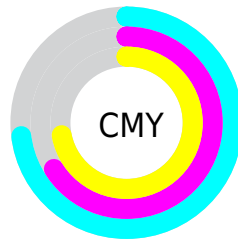


Cyan (21%)

Magenta (0%)

Yellow (16%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445648 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 445648 by changing the saturation by 10% instead.



445648



445648

FFFFFF



2E3F32



748878



18291D



8EA292



001502



A9BDAD



000000



C4D9C8



E0F5E4



FCFFFF



445648



445648



3B5641



4D564F

■ 33563B

■ 555655

■ 2A5634

■ 5E565C

■ 22562D

■ 665663

■ 195627

■ 6F5669

■ 105620

■ 785670

■ 085619

■ 805677

■ 005613

■ 89567E

■ 915684

Harmonies

Analogous

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



4F5441



445648



3B5751

Triad

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



445648



475264



654C49

Complementary

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



445648



564452

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.



644B52



445648



534F62

Square

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



445648



3C5561



5E4C5B



614E42

Rectangle

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



445648



385758



5E4C5B



654B4C

Sweetspot

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



445648



69706B



525644



343835



B8B8B8



383838

Same Dimension

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



445648



54705A



445651



272B28



006B18



00EB34

Inverse Universe

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



564452



70546A



564449



2B272A



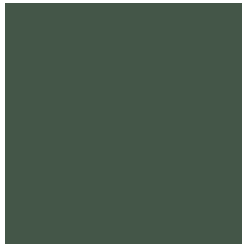
6B0053



EB00B6

Previews

White Background



This preview shows how the Hex color 445648 looks on a white background.

Color Contrast Check

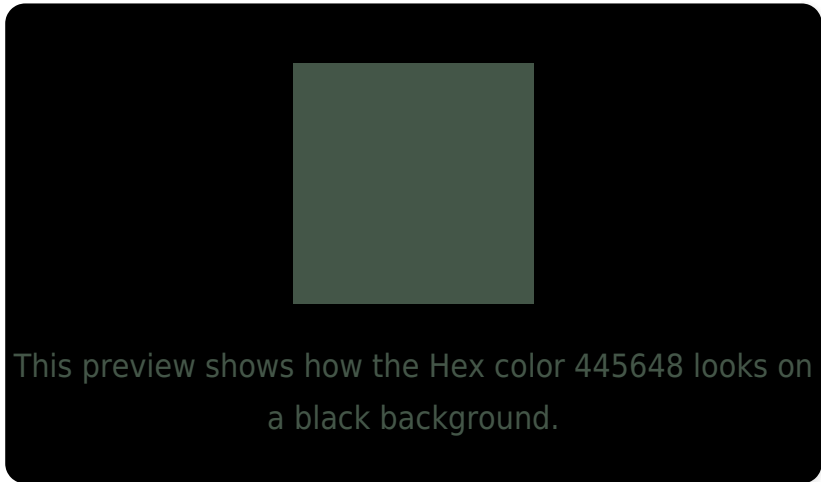
Large Text (above 18pt) WCAG AA ✓ Pass

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

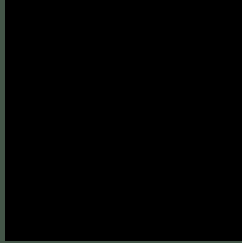
Any Text WCAG AA × Fail

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 445648 Background



This preview shows how black text looks on a background with the Hex color 445648.

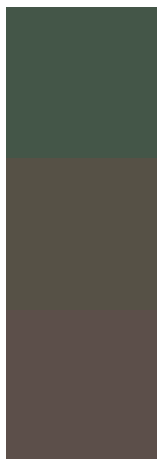


This preview shows how white text looks on a background with the Hex color 445648.

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

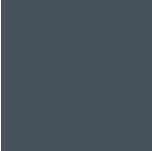
445648

Protanopia

565146

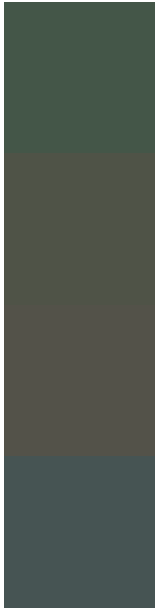
Deuteranopia

5C4F4A



Tritanopia
47535A

Trichromacy



Original Color
445648

Protanomaly
4F5347

Deuteranomaly
535249

Tritanomaly
465453

Monochromacy



Original Color
445648

Achromatopsia
4F4F4F

Achromatomaly
4B524C

CSS Examples

Text

The CSS property to change the color of the text to Hex 445648 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 #445648 looks like.

```
.text, #text, p{  
    color:#445648  
}
```

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 #445648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445648
}
```

Border

The CSS property to change the border of an element to Hex 445648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

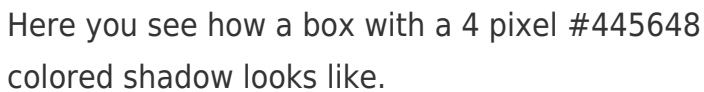
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#445648 }
```

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

```
.border{ border-color:#445648 }
```

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



Here you see how a box with a 4 pixel #445648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445648; -webkit-box-shadow:4px 4px  
4px 4px #445648; box-shadow:4px 4px 4px  
4px #445648 }
```

Background

The CSS property to change the background color of an element to Hex 445648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445648 }
```

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

```
.background{ background-color:#445648 }
```

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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