

Converting Colors

Hex(445D34)

Have a look what the booklet for
Hex(445D34) contains.

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Color

Hex(445D34)

Conversions

Conversions Part 1

Format	Color
Hex	445D34
RGB	68, 93, 52
RGB Percent	27%, 36%, 20%
CMY	0.7333, 0.6353, 0.7961
CMYK	0.27, 0.00, 0.44, 0.64
HSL	97°, 28%, 28%
HSV	97°, 44%, 36%
XYZ	6.9181, 9.3056, 4.6803
YIQ	80.8510, -1.7390, -18.0510

Conversions

Conversions Part 2

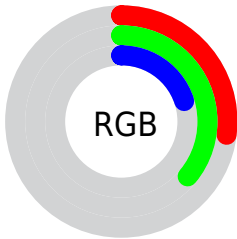
Format	Color
RYB	52, 93, 77
Decimal	4480308
CIELab	36.57, -17.82, 20.57
CIElCh	37, 27.214, 130.894
Yxy	9.3056, 0.3309, 0.4452
Android (android.graphics.Color)	4282670388 (0xFF445D34)
YUV	80.8510, -14.2235, -11.2703
Hunter-Lab	30.5050, -12.9027, 12.2568

Details

The Hex color **445D34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D345D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **758F63**, and **172F07** is the 20% darker color. If you saturate the color by 10%, you get **3E5D2B**, and if you desaturate by 10%, it is **4A5D3D**.

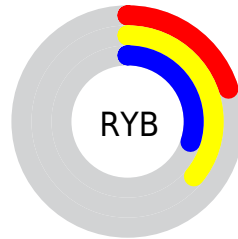
Distribution



 Red (27%)

 Green (36%)

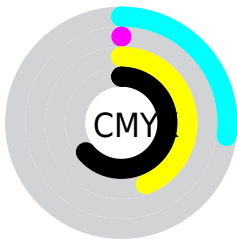
 Blue (20%)



 Red (20%)

 Yellow (36%)

 Blue (30%)

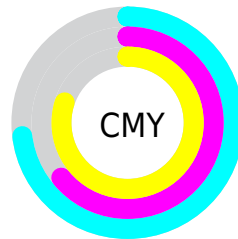


 Cyan (27%)

 Magenta (0%)

 Yellow (44%)

 Black (64%)



 Cyan (73%)

 Magenta (64%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445D34 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 445D34 by changing the saturation by 10% instead.

 445D34

 445D34

FFFFFF

 2D451E

 758F63

 172F07

 8FAA7C

 001B00

 AAC596

 000000

 C5E1B1

 E1FECD

 FEF9E9

 445D34

 445D34

 3E5D2B

 4A5D3D

■ 395D21

■ 4F5D47

■ 335D18

■ 555D50

■ 2D5D0F

■ 5B5D59

■ 285D05

■ 605D62

■ 245D00

■ 665D6C

■ 6C5D75

■ 715D7E

■ 775D88

Harmonies

Analogous

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



5C572A



445D34



266047

Triad

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



445D34



0E5C7F



80444F

Complementary

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



445D34



4D345D

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.



774665



445D34



425681

Square

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



445D34



006072



624D77



7C483A

Rectangle

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



445D34



036156



624D77



7E4456

Sweetspot

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



445D34



6E7868



5D4D34



373D33



BDBDBD



3D3D3D

Same Dimension

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



445D34



517838



345D38



2B2E29



2B6E00



5DED00

Inverse Universe

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



4D345D



5F3878



5D3459



2C292E



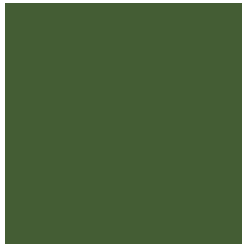
43006E



9100ED

Previews

White Background



This preview shows how the Hex color 445D34 looks on a white background.

Color Contrast Check

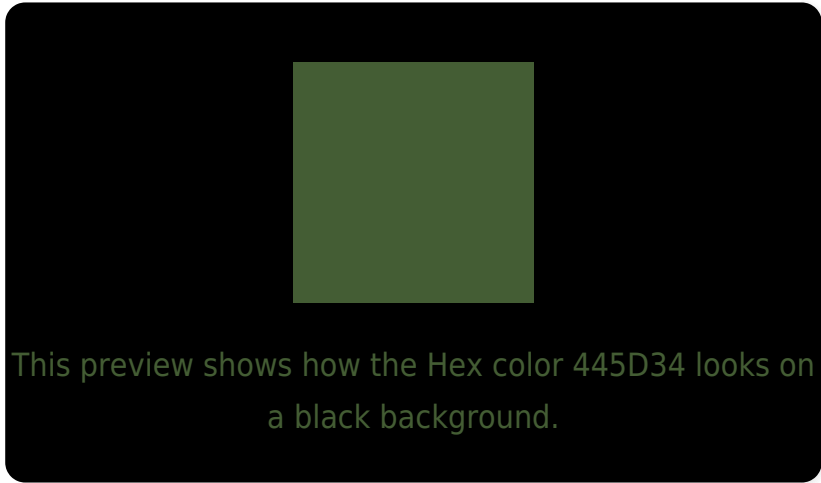
Large Text (above 18pt) WCAG AA ✓ Pass

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

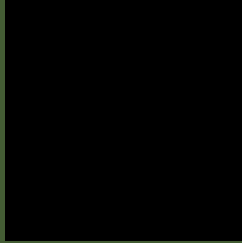
Any Text WCAG AA × Fail

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 445D34 Background



This preview shows how black text looks on a background with the Hex color 445D34.



This preview shows how white text looks on a background with the Hex color 445D34.

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](#).

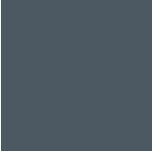
Dichromacy



Original Color
445D34

Protanopia
5E631

Deuteranopia
675237



Tritanopia
4B585F

Trichromacy



Original Color
445D34

Protanomaly
555932

Deuteranomaly
5A5636

Tritanomaly
485A4F

Monochromacy



Original Color
445D34

Achromatopsia
515151

Achromatomaly
4C5546

CSS Examples

Text

The CSS property to change the color of the text to Hex 445D34 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 #445D34 looks like.

```
.text, #text, p{  
    color:#445D34  
}
```

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 #445D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445D34
}
```

Border

The CSS property to change the border of an element to Hex 445D34 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".

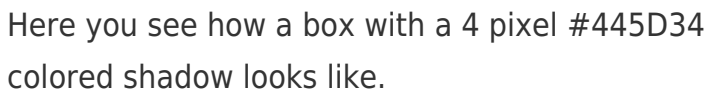
```
.border, #border, table{ border:4px solid
#445D34 }
```

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

```
.border{ border-color:#445D34 }
```

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

Here you see how a box with a 4 pixel #445D34 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445D34; -webkit-box-shadow:4px 4px  
4px 4px #445D34; box-shadow:4px 4px 4px  
4px #445D34 }
```

Background

The CSS property to change the background color of an element to Hex 445D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445D34 }
```

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

```
.background{ background-color:#445D34 }
```

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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