

Converting Colors

Hex(456832)

Have a look what the booklet for
Hex(456832) contains.

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Color

Hex(456832)

Conversions

Conversions Part 1

Format	Color
Hex	456832
RGB	69, 104, 50
RGB Percent	27%, 41%, 20%
CMY	0.7294, 0.5922, 0.8039
CMYK	0.34, 0.00, 0.52, 0.59
HSL	99°, 35%, 30%
HSV	99°, 52%, 41%
XYZ	7.9803, 11.3961, 4.7967
YIQ	87.3790, -3.5260, -24.2140

Conversions

Conversions Part 2

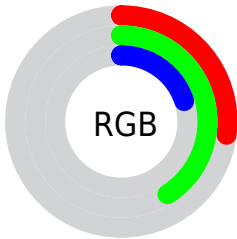
Format	Color
RYB	50, 104, 85
Decimal	4548658
CIELab	40.24, -23.47, 26.33
CIElCh	40, 35.272, 131.714
Yxy	11.3961, 0.3301, 0.4714
Android (android.graphics.Color)	4282738738 (0xFF456832)
YUV	87.3790, -18.4278, -16.1184
Hunter-Lab	33.7582, -16.8801, 15.2062

Details

The Hex color **456832** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **553268**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **779B62**, and **163804** is the 20% darker color. If you saturate the color by 10%, you get **3E6828**, and if you desaturate by 10%, it is **4C683C**.

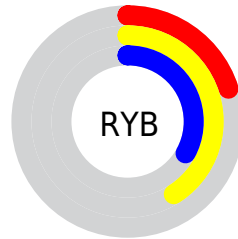
Distribution



Red (27%)

Green (41%)

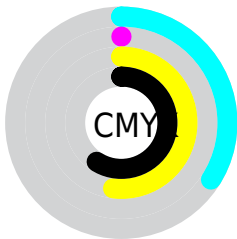
Blue (20%)



Red (20%)

Yellow (41%)

Blue (33%)

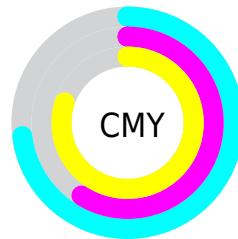


Cyan (34%)

Magenta (0%)

Yellow (52%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456832 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 456832 by changing the saturation by 10% instead.



456832



456832

FFFFFF



2D501B



779B62



163804



91B67B



002300



ACD295



000200



C8EEB0



000000



E4FFCB



FFFFE8



456832



456832



3E6828



4C683C

■ 38681D

■ 526847

■ 316813

■ 596851

■ 2A6808

■ 60685C

■ 256800

■ 676866

■ 6D6870

■ 74687B

■ 7B6885

■ 826890

Harmonies

Analogous

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



656124



456832



136C4C

Triad

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



456832



006795



954655

Complementary

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



456832



553268

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.



8B4972



456832



415E97

Square

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



456832



006C84



70538A



8F4C3A

Rectangle

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



456832



006D60



70538A



93465E

Sweetspot

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



456832



798772



685432



3C4538



C4C4C4



454545

Same Dimension

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



456832



518733



326839



30332E



287300



55F200

Inverse Universe

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



553268



6A3387



683261



312E33



4A0073



9D00F2

Previews

White Background



This preview shows how the Hex color 456832 looks on a white background.

Color Contrast Check

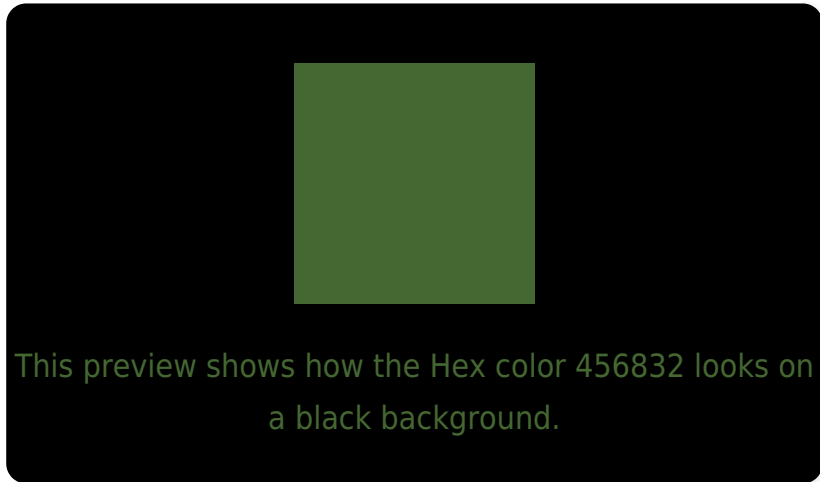
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

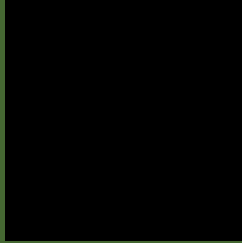
Any Text WCAG AA × Fail

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 456832 Background



This preview shows how black text looks on a background with the Hex color 456832.



This preview shows how white text looks on a background with the Hex color 456832.

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](#).

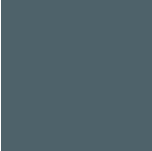
Dichromacy



Original Color
456832

Protanopia
695F2F

Deuteranopia
735A36



Tritanopia
4E626A

Trichromacy



Original Color
456832

Protanomaly
5C6230

Deuteranomaly
625F35

Tritanomaly
4B6456

Monochromacy



Original Color
456832

Achromatopsia
575757

Achromatomaly
505D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 456832 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 #456832 looks like.

```
.text, #text, p{  
    color:#456832  
}
```

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 #456832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456832
}
```

Border

The CSS property to change the border of an element to Hex 456832 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".

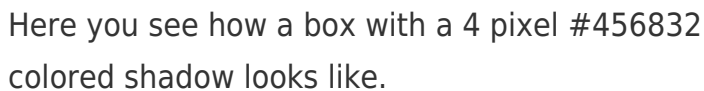
```
.border, #border, table{ border:4px solid
#456832 }
```

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

```
.border{ border-color:#456832 }
```

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

Here you see how a box with a 4 pixel #456832 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456832; -webkit-box-shadow:4px 4px  
4px 4px #456832; box-shadow:4px 4px 4px  
4px #456832 }
```

Background

The CSS property to change the background color of an element to Hex 456832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456832 }
```

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

```
.background{ background-color:#456832 }
```

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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