

Converting Colors

Hex(458845)

Have a look what the booklet for
Hex(458845) contains.

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Color

Hex(458845)

Conversions

Conversions Part 1

Format	Color
Hex	458845
RGB	69, 136, 69
RGB Percent	27%, 53%, 27%
CMY	0.7294, 0.4667, 0.7294
CMYK	0.49, 0.00, 0.49, 0.47
HSL	120°, 33%, 40%
HSV	120°, 49%, 53%
XYZ	12.3326, 19.3032, 8.7061
YIQ	108.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

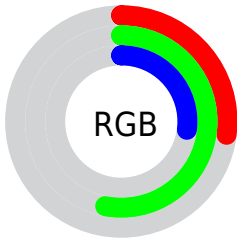
Format	Color
R _{YB}	69, 136, 136
Decimal	4556869
CIE Lab	51.04, -35.84, 29.42
CIE LCh	51, 46.369, 140.612
Yxy	19.3032, 0.3057, 0.4785
Android (android.graphics.Color)	4282746949 (0xFF458845)
YUV	108.3290, -19.3892, -34.4915
Hunter-Lab	43.9354, -26.7824, 19.0060

Details

The Hex color **458845** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **884588**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7ABE77**, and **095516** is the 20% darker color. If you saturate the color by 10%, you get **378837**, and if you desaturate by 10%, it is **538853**.

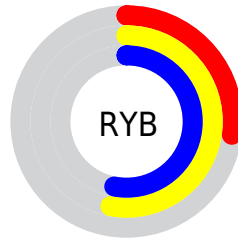
Distribution



Red (27%)

Green (53%)

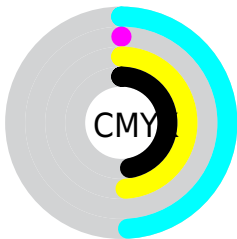
Blue (27%)



Red (27%)

Yellow (53%)

Blue (53%)

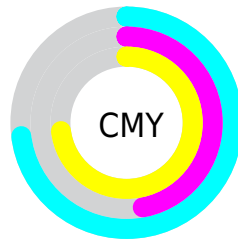


Cyan (49%)

Magenta (0%)

Yellow (49%)

Black (47%)



Cyan (73%)

Magenta (47%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458845 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 458845 by changing the saturation by 10% instead.

 458845

 458845

FFFFFF

 2A6E2D

 7ABE77

 095516

 95DA91

 003D00

 B1F7AB

 002800

 CDFFC7

 000700

 EAFFE3

 000000

 458845

 458845

 378837

 538853

 2A882A

 608860

 1C881C

 6E886E

 0F880F

 7B887B

 018801

 898889

 008800

 978897

 A488A4

 B288B2

 BF88BF

Harmonies

Analogous

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



75802A



458845



008C6B

Triad

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



458845



0082C7



C25860

Complementary

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



458845



884588

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.



BC5788



458845



6674C4

Square

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



458845



008AB6



9E64AC



B5643D

Rectangle

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



458845



008D87



9E64AC



C3566D

Sweetspot

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



458845



96B096



888845



495949



D9D9D9



595959

Same Dimension

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



458845



48B048



458866



3E453E



008500



000500

Inverse Universe

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



884588



B048B0



884566



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 458845 looks on a white background.

Color Contrast Check

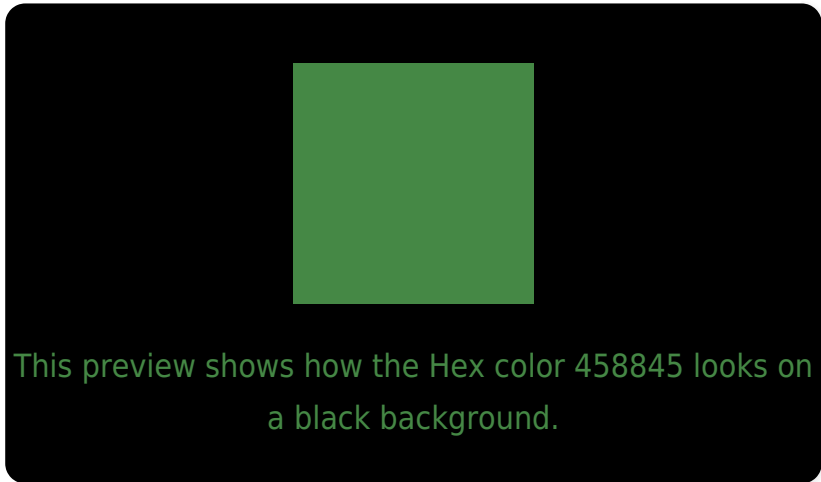
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

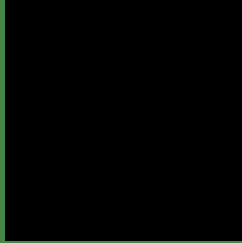
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 458845 Background



This preview shows how black text looks on a background with the Hex color 458845.



This preview shows how white text looks on a background with the Hex color 458845.

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](#).

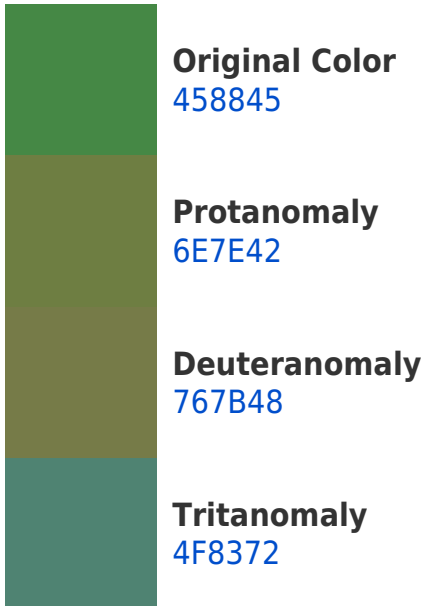
Dichromacy





Tritanopia
54808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 458845 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 #458845 looks like.

```
.text, #text, p{  
    color:#458845  
}
```

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 #458845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458845
}
```

Border

The CSS property to change the border of an element to Hex 458845 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".

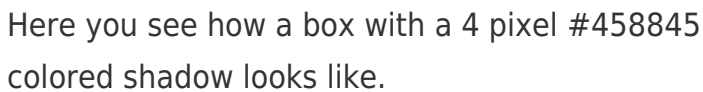
```
.border, #border, table{ border:4px solid
#458845 }
```

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

```
.border{ border-color:#458845 }
```

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

Here you see how a box with a 4 pixel #458845 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458845; -webkit-box-shadow:4px 4px  
4px 4px #458845; box-shadow:4px 4px 4px  
4px #458845 }
```

Background

The CSS property to change the background color of an element to Hex 458845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458845 }
```

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

```
.background{ background-color:#458845 }
```

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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