

Converting Colors

Hex(458D43)

Have a look what the booklet for
Hex(458D43) contains.

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Color

Hex(458D43)

Conversions

Conversions Part 1

Format	Color
Hex	458D43
RGB	69, 141, 67
RGB Percent	27%, 55%, 26%
CMY	0.7294, 0.4471, 0.7373
CMYK	0.51, 0.00, 0.52, 0.45
HSL	118°, 36%, 41%
HSV	118°, 52%, 55%
XYZ	12.9922, 20.7202, 8.6248
YIQ	111.0360, -19.1580, -38.2780

Conversions

Conversions Part 2

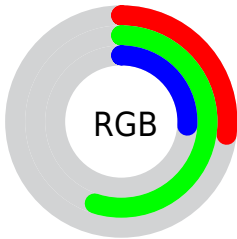
Format	Color
RYB	67, 141, 139
Decimal	4558147
CIELab	52.64, -38.31, 32.45
CIELCh	53, 50.206, 139.727
Yxy	20.7202, 0.3069, 0.4894
Android (android.graphics.Color)	4282748227 (0xFF458D43)
YUV	111.0360, -21.7097, -36.8656
Hunter-Lab	45.5195, -28.7113, 20.6296

Details

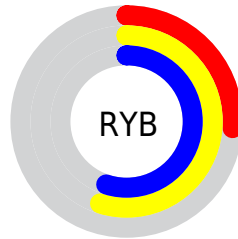
The Hex color **458D43** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B438D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7BC375**, and **055A13** is the 20% darker color. If you saturate the color by 10%, you get **378D35**, and if you desaturate by 10%, it is **538D51**.

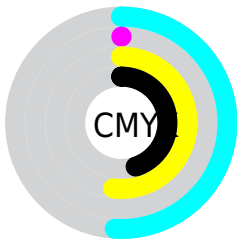
Distribution



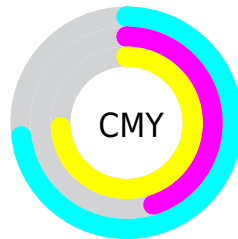
- Red (27%)
- Green (55%)
- Blue (26%)



- Red (26%)
- Yellow (55%)
- Blue (55%)



- Cyan (51%)
- Magenta (0%)
- Yellow (52%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458D43 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 458D43 by changing the saturation by 10% instead.

 458D43

 458D43

FFFFFF

 29732B

 7BC375

 055A13

 96DF8F

 004200

 B2FCAA

 002B00

 CEFFC5

 001100

 EBFFE1

 000000

FFFFFFE

 458D43

 458D43

 378D35

 538D51

 2A8D27

 608D5F

 1C8D19

 6E8D6D

 0E8D0B

 7C8D7B

 048D00

 8A8D8A

 978D98

 A58DA6

 B38DB4

 C08DC2

Harmonies

Analogous

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



798425



458D43



00926D

Triad

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



458D43



0087D2



CC5863

Complementary

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



458D43



8B438D

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.



C5588E



458D43



6478CF

Square

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



458D43



008FBF



A366B6



BF653D

Rectangle

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



458D43



00938B



A366B6



CC5671

Sweetspot

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



458D43



9BB89A



8D8B43



4B5C4A



DBDBDB



5C5C5C

Same Dimension

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



458D43



47B844



438D66



404740



048700



000800

Inverse Universe

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



8B438D



B444B8



8D436A



474047



830087



070008

Previews

White Background



This preview shows how the Hex color 458D43 looks on a white background.

Color Contrast Check

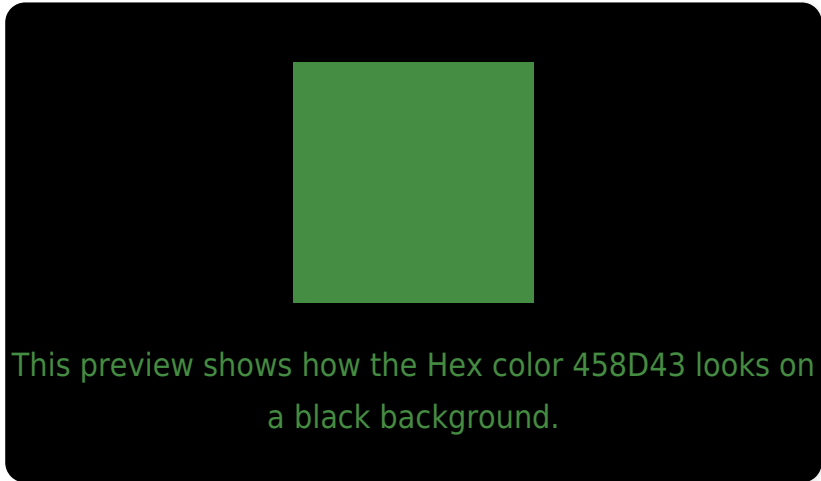
Large Text (above 18pt) WCAG AA ✓ Pass

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 458D43 Background



This preview shows how black text looks on a background with the Hex color 458D43.

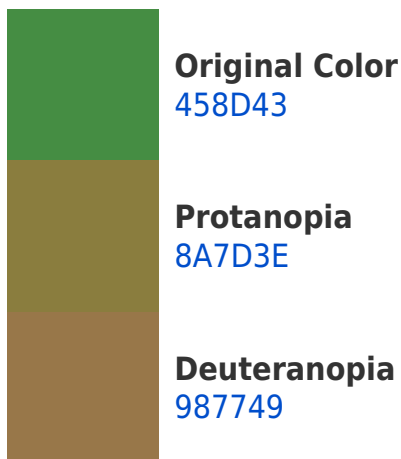



This preview shows how white text looks on a background with the Hex color 458D43.

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
55858F

Trichromacy



Original Color
458D43

Protanomaly
718340

Deuteranomaly
7A7F47

Tritanomaly
4F8873

Monochromacy



Original Color
458D43

Achromatopsia
6F6F6F

Achromatomaly
607A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 458D43 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 #458D43 looks like.

```
.text, #text, p{  
    color:#458D43  
}
```

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 #458D43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458D43
}
```

Border

The CSS property to change the border of an element to Hex 458D43 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".

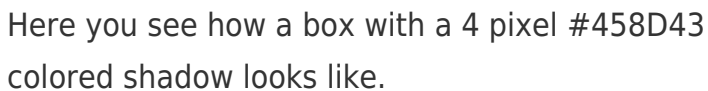
```
.border, #border, table{ border:4px solid
#458D43 }
```

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

```
.border{ border-color:#458D43 }
```

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

Here you see how a box with a 4 pixel #458D43 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458D43; -webkit-box-shadow:4px 4px  
4px 4px #458D43; box-shadow:4px 4px 4px  
4px #458D43 }
```

Background

The CSS property to change the background color of an element to Hex 458D43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458D43 }
```

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

```
.background{ background-color:#458D43 }
```

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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