

Converting Colors

Hex(458D40)

Have a look what the booklet for
Hex(458D40) contains.

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Color

Hex(458D40)

Conversions

Conversions Part 1

Format	Color
Hex	458D40
RGB	69, 141, 64
RGB Percent	27%, 55%, 25%
CMY	0.7294, 0.4471, 0.7490
CMYK	0.51, 0.00, 0.55, 0.45
HSL	116°, 38%, 40%
HSV	116°, 55%, 55%
XYZ	12.9045, 20.6851, 8.1630
YIQ	110.6940, -18.1950, -39.2110

Conversions

Conversions Part 2

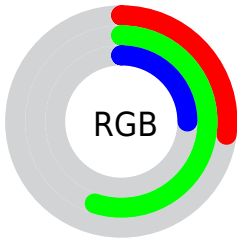
Format	Color
RYB	64, 141, 136
Decimal	4558144
CIELab	52.60, -38.72, 33.95
CIELCh	53, 51.496, 138.756
Yxy	20.6851, 0.3091, 0.4954
Android (android.graphics.Color)	4282748224 (0xFF458D40)
YUV	110.6940, -23.0201, -36.5656
Hunter-Lab	45.4809, -28.9449, 21.1952

Details

The Hex color **458D40** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **88408D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7BC372**, and **045A0F** is the 20% darker color. If you saturate the color by 10%, you get **388D32**, and if you desaturate by 10%, it is **528D4E**.

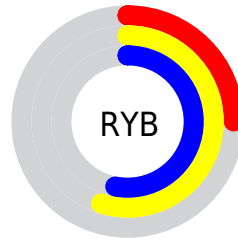
Distribution



Red (27%)

Green (55%)

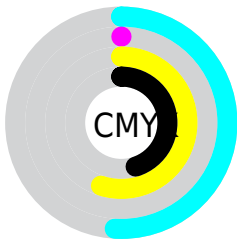
Blue (25%)



Red (25%)

Yellow (55%)

Blue (53%)

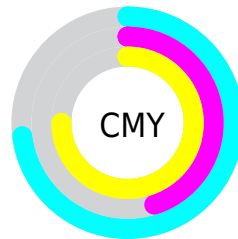


Cyan (51%)

Magenta (0%)

Yellow (55%)

Black (45%)



Cyan (73%)

Magenta (45%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458D40 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 458D40 by changing the saturation by 10% instead.

 458D40

 458D40

FFFFFF

 297328

 7BC372

 045A0F

 96DF8C

 004200

 B2FCA7

 002B00

 CEFFC2

 001100

 EBFFDE

 000000

 FFFFFB

 458D40

 458D40

 388D32

 528D4E

 2B8D24

 5F8D5C

 1D8D16

 6D8D6A

 108D08

 7A8D78

 098D00

 878D87

 948D95

 A18DA3

 AE8DB1

 BC8DBF

Harmonies

Analogous

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



7A8421



458D40



00926B

Triad

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



458D40



0087D4



CE5664

Complementary

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



458D40



88408D

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.



C55790



458D40



6079D2

Square

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



458D40



0090BF



A366B8



C1643C

Rectangle

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



458D40



00938A



A366B8



CE5472

Sweetspot

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



458D40



9CB89A



8D8840



4B5C4A



DBDBDB



5C5C5C

Same Dimension

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



458D40



46B83E



408D61



414740



098700



000800

Inverse Universe

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



88408D



B03EB8



8D406C



474047



7E0087



070008

Previews

White Background



This preview shows how the Hex color 458D40 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

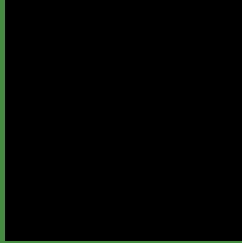
Any Text WCAG AA ✓ Pass

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 458D40 Background



This preview shows how black text looks on a background with the Hex color 458D40.

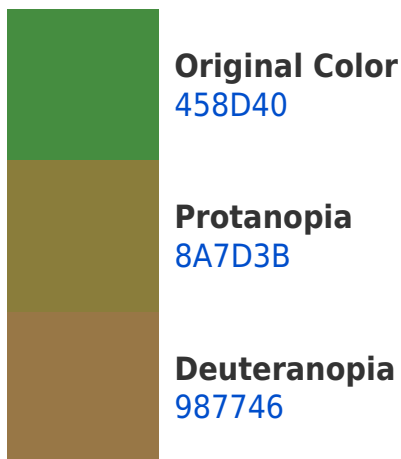



This preview shows how white text looks on a background with the Hex color 458D40.

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](#).

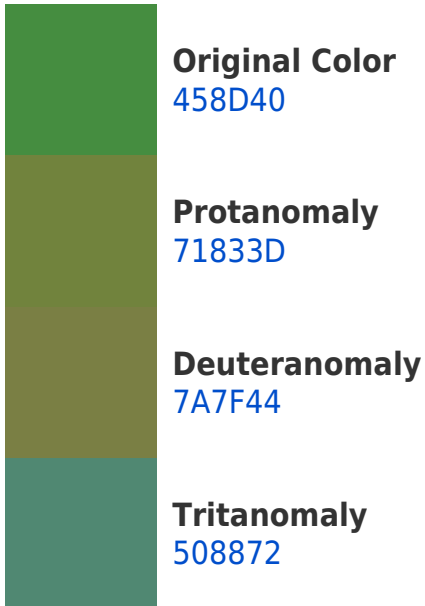
Dichromacy



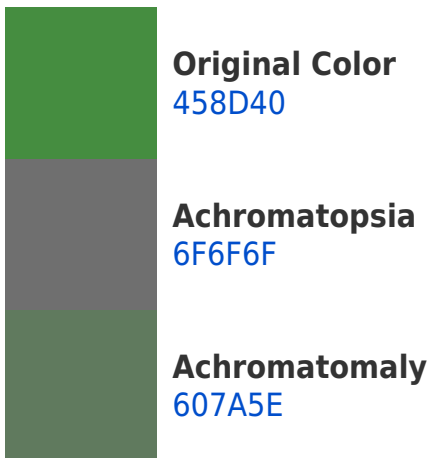


Tritanopia
56858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 458D40 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 #458D40 looks like.

```
.text, #text, p{  
    color:#458D40  
}
```

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 #458D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458D40
}
```

Border

The CSS property to change the border of an element to Hex 458D40 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
#458D40 }
```

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

```
.border{ border-color:#458D40 }
```

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

Here you see how a box with a 4 pixel #458D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458D40; -webkit-box-shadow:4px 4px  
4px 4px #458D40; box-shadow:4px 4px 4px  
4px #458D40 }
```

Background

The CSS property to change the background color of an element to Hex 458D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458D40 }
```

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

```
.background{ background-color:#458D40 }
```

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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