

Converting Colors

Hex(458238)

Have a look what the booklet for
Hex(458238) contains.

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Color

Hex(458238)

Conversions

Conversions Part 1

Format	Color
Hex	458238
RGB	69, 130, 56
RGB Percent	27%, 51%, 22%
CMY	0.7294, 0.4902, 0.7804
CMYK	0.47, 0.00, 0.57, 0.49
HSL	109°, 40%, 36%
HSV	109°, 57%, 51%
XYZ	11.1507, 17.5160, 6.5346
YIQ	103.3250, -12.6020, -35.9460

Conversions

Conversions Part 2

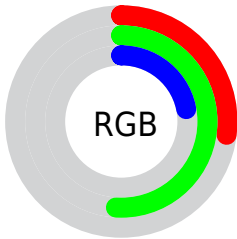
Format	Color
RYB	56, 130, 117
Decimal	4555320
CIELab	48.90, -34.99, 33.60
CIELCh	49, 48.508, 136.160
Yxy	17.5160, 0.3168, 0.4976
Android (android.graphics.Color)	4282745400 (0xFF458238)
YUV	103.3250, -23.3312, -30.1030
Hunter-Lab	41.8521, -25.6833, 20.0392

Details

The Hex color **458238** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **753882**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7AB869**, and **0B5006** is the 20% darker color. If you saturate the color by 10%, you get **3A822B**, and if you desaturate by 10%, it is **508245**.

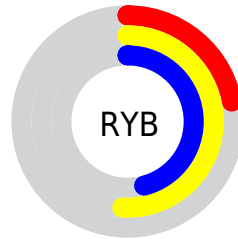
Distribution



Red (27%)

Green (51%)

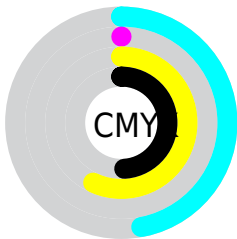
Blue (22%)



Red (22%)

Yellow (51%)

Blue (46%)

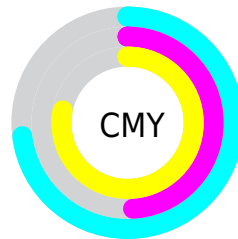


Cyan (47%)

Magenta (0%)

Yellow (57%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458238 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 458238 by changing the saturation by 10% instead.

 458238

 458238

FFFFFF

 2B6820

 7AB869

 0B5006

 95D383

 003800

 B0F09D

 002400

 CCFFB9

 000000

 E9FFD5

 FFFFF1

 458238

 458238

 3A822B

 508245

■ 30821E

■ 5A8252

■ 258211

■ 65825F

■ 1A8204

■ 70826C

■ 178200

■ 7B8279

■ 858286

■ 908293

■ 9B82A0

■ A582AD

Harmonies

Analogous

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



75791D



458238



00875F

Triad

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



458238



007EC4



BF4F60

Complementary

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



458238



753882

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.



B55189



458238



5171C3

Square

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



458238



0086AF



9360AE



B45B3A

Rectangle

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



458238



00887C



9360AE



BE4E6D

Sweetspot

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



458238



91A88C



827438



465443



D4D4D4



545454

Same Dimension

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



458238



4AA836



38824F



3A4039



168000



000000

Inverse Universe

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



753882



9436A8



82386B



3F3940



690080



000000

Previews

White Background



This preview shows how the Hex color 458238 looks on a white background.

Color Contrast Check

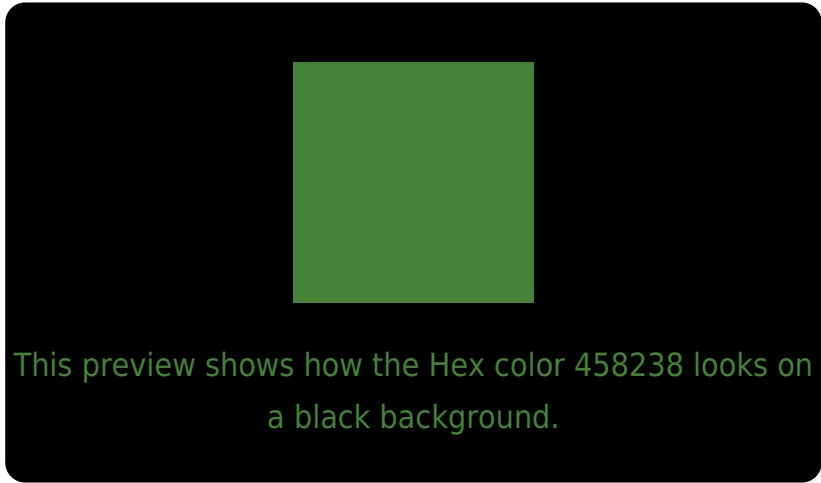
Large Text (above 18pt) WCAG AA ✓ Pass

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

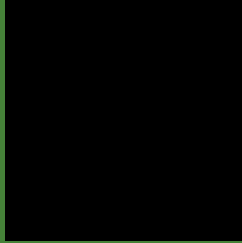
Any Text WCAG AA ✓ Pass

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 458238 Background



This preview shows how black text looks on a background with the Hex color 458238.




This preview shows how white text looks on a background with the Hex color 458238.

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
537A84

Trichromacy



Original Color
458238

Protanomaly
6B7935

Deuteranomaly
73753B

Tritanomaly
4E7D68

Monochromacy



Original Color
458238

Achromatopsia
676767

Achromatomaly
5B7156

CSS Examples

Text

The CSS property to change the color of the text to Hex 458238 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 #458238 looks like.

```
.text, #text, p{  
    color:#458238  
}
```

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 #458238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458238  
}
```

Border

The CSS property to change the border of an element to Hex 458238 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  
#458238 }
```

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

```
.border{ border-color:#458238 }
```

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

Here you see how a box with a 4 pixel #458238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458238; -webkit-box-shadow:4px 4px  
4px 4px #458238; box-shadow:4px 4px 4px  
4px #458238 }
```

Background

The CSS property to change the background color of an element to Hex 458238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458238 }
```

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

```
.background{ background-color:#458238 }
```

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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