

Converting Colors

Hex(458A2B)

Have a look what the booklet for
Hex(458A2B) contains.

Hex(458A2B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(458A2B)

Conversions

Conversions Part 1

Format	Color
Hex	458A2B
RGB	69, 138, 43
RGB Percent	27%, 54%, 17%
CMY	0.7294, 0.4588, 0.8314
CMYK	0.50, 0.00, 0.69, 0.46
HSL	104°, 52%, 35%
HSV	104°, 69%, 54%
XYZ	11.9788, 19.6166, 5.4405
YIQ	106.5390, -10.6290, -44.1730

Conversions

Conversions Part 2

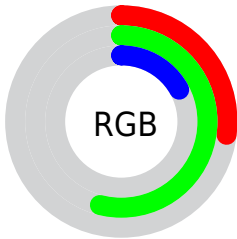
Format	Color
R_{YB}	43, 138, 112
Decimal	4557355
CIE _{Lab}	51.40, -39.84, 42.54
CIE _{LCh}	51, 58.283, 133.117
Yxy	19.6166, 0.3234, 0.5297
Android (android.graphics.Color)	4282747435 (0xFF458A2B)
YUV	106.5390, -31.3247, -32.9217
Hunter-Lab	44.2906, -29.2318, 23.7204

Details


The Hex color **458A2B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **702B8A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7BC05E**, and **025700** is the 20% darker color. If you saturate the color by 10%, you get **3B8A1D**, and if you desaturate by 10%, it is **4F8A39**.

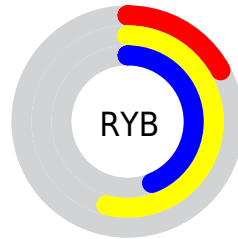
Distribution



 Red (27%)

 Green (54%)

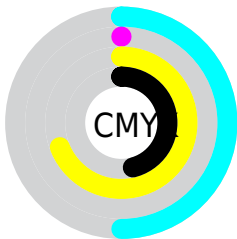
 Blue (17%)




 Red (17%)

 Yellow (54%)

 Blue (44%)

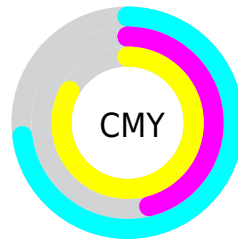


 Cyan (50%)


 Magenta (0%)

 Yellow (69%)

 Black (46%)



 Cyan (73%)

 Magenta (46%)

 Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458A2B 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 458A2B by changing the saturation by 10% instead.



458A2B



458A2B

FFFFFF



29700F



7BC05E



025700



97DC77



003F00



B3F992



002900



CFFFAD



000A00



ECFFC9



000000



FFFFE6



458A2B



458A2B



3B8A1D



4F8A39

■ 318A0F

■ 598A47

■ 278A02

■ 638A54

■ 268A00

■ 6D8A62

■ 778A70

■ 818A7E

■ 8B8A8C

■ 958A99

■ 9F8AA7

Harmonies

Analogous

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



7E7F00



458A2B



00905C

Triad

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



458A2B



0088DA



D44867

Complementary

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



458A2B



702B8A

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.



C64E99



458A2B



3779DC

Square

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



458A2B



0090BE



9863C4



C85838

Rectangle

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



458A2B



00917E



9863C4



D24777

Sweetspot

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



458A2B



97B38D



8A6F2B



495943



D9D9D9



595959

Same Dimension

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



458A2B



47B31E



2B8A40



40453E



248500



010500

Inverse Universe

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



702B8A



8A1EB3



8A2B75



433E45



600085



040005

Previews

White Background



This preview shows how the Hex color 458A2B looks on a white background.

Color Contrast Check

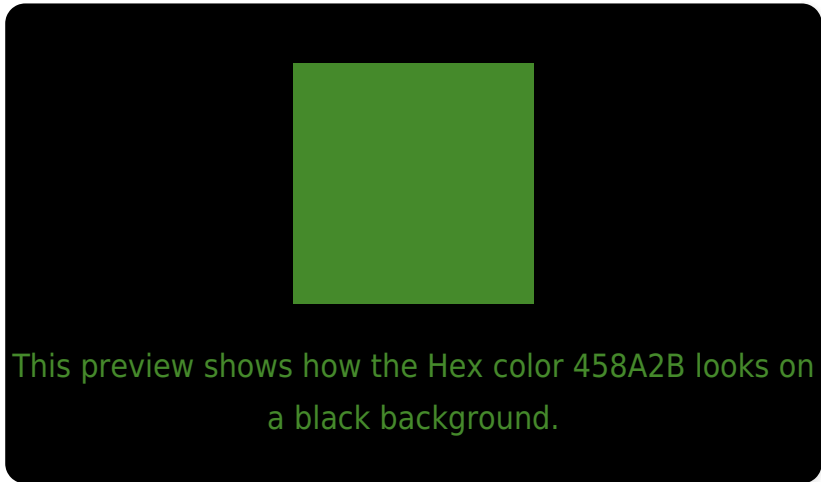
Large Text (above 18pt) WCAG AA ✓ Pass

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

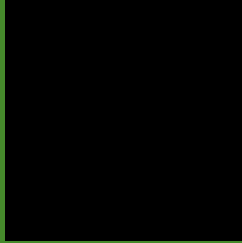
Any Text WCAG AA ✓ Pass

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 458A2B Background



This preview shows how black text looks on a background with the Hex color 458A2B.

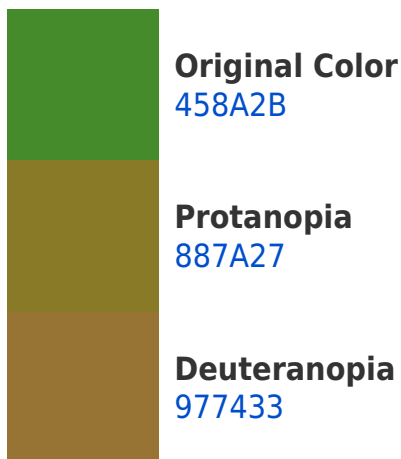


This preview shows how white text looks on a background with the Hex color 458A2B.

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
56818B

Trichromacy



Original Color
458A2B

Protanomaly
708028

Deuteranomaly
797C30

Tritanomaly
508468

Monochromacy



Original Color
458A2B

Achromatopsia
6B6B6B

Achromatomaly
5D7654

CSS Examples

Text

The CSS property to change the color of the text to Hex 458A2B 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 #458A2B looks like.

```
.text, #text, p{  
    color:#458A2B  
}
```

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 #458A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458A2B
}
```

Border

The CSS property to change the border of an element to Hex 458A2B 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
#458A2B }
```

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

```
.border{ border-color:#458A2B }
```

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

Here you see how a box with a 4 pixel #458A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458A2B; -webkit-box-shadow:4px 4px  
4px 4px #458A2B; box-shadow:4px 4px 4px  
4px #458A2B }
```

Background

The CSS property to change the background color of an element to Hex 458A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458A2B }
```

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

```
.background{ background-color:#458A2B }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor