

Converting Colors

Hex(248116)

Have a look what the booklet for
Hex(248116) contains.

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Color

Hex(248116)

Conversions

Conversions Part 1

Format	Color
Hex	248116
RGB	36, 129, 22
RGB Percent	14%, 51%, 9%
CMY	0.8588, 0.4941, 0.9137
CMYK	0.72, 0.00, 0.83, 0.49
HSL	112°, 71%, 30%
HSV	112°, 83%, 51%
XYZ	8.7226, 16.1335, 3.4134
YIQ	88.9950, -21.0810, -52.9930

Conversions

Conversions Part 2

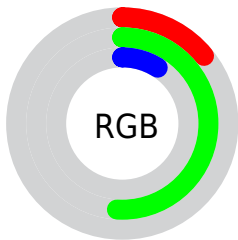
Format	Color
R_{YB}	22, 129, 115
Decimal	2392342
CIE _{Lab}	47.15, -46.66, 45.82
CIE _{LCh}	47, 65.395, 135.526
Yxy	16.1335, 0.3086, 0.5707
Android (android.graphics.Color)	4280582422 (0xFF248116)
YUV	88.9950, -33.0285, -46.4766
Hunter-Lab	40.1665, -31.5281, 23.0780

Details


The Hex color **248116** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **731681**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **60B74B**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **198109**, and if you desaturate by 10%, it is **2F8123**.

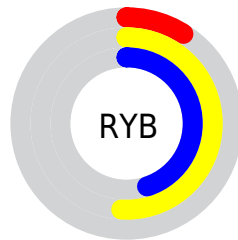
Distribution



 Red (14%)

 Green (51%)

 Blue (9%)




 Red (9%)

 Yellow (51%)

 Blue (45%)

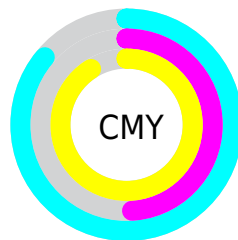


 Cyan (72%)

 Magenta (0%)

 Yellow (83%)

 Black (49%)



 Cyan (86%)

 Magenta (49%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248116 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 248116 by changing the saturation by 10% instead.

 248116

 248116

FFFFFF

 006700

 60B74B

 004E00

 7CD365

 003600

 98F080

 002100

 B5FF9B

 000000

 D2FFB6

 EFFF D2

 FFFF EF

 248116

 248116

■ 198109

■ 2F8123

■ 118100

■ 3A8130

■ 46813D

■ 51814A

■ 5C8157

■ 678163

■ 728170

■ 7E817D

■ 89818A

Harmonies

Analogous

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



6D7600



248116



008652

Triad

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



248116



007EDB



D03056

Complementary

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



248116



731681

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.



C4358D



248116



136DDB

Square

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



248116



0086BE



9552BE



C04921

Rectangle

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



248116



008879



9552BE



CF2D68

Sweetspot

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



248116



84A87E



817316



3E543B



D4D4D4



545454

Same Dimension

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



248116



16A800



16813D



3A4039



118000



000000

Inverse Universe

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



731681



9200A8



81165A



3F3940



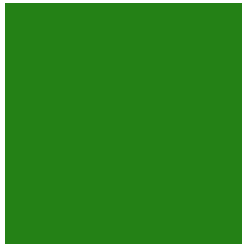
6F0080



000000

Previews

White Background



This preview shows how the Hex color 248116 looks on a white background.

Color Contrast Check

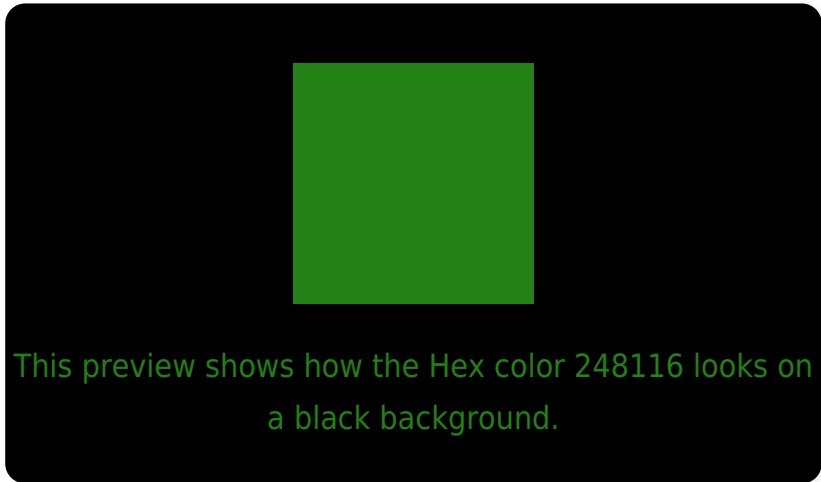
Large Text (above 18pt) WCAG AA ✓ Pass

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

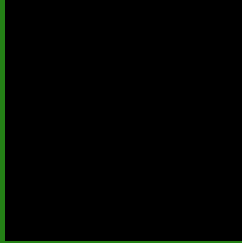
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 248116 Background



This preview shows how black text looks on a background with the Hex color 248116.

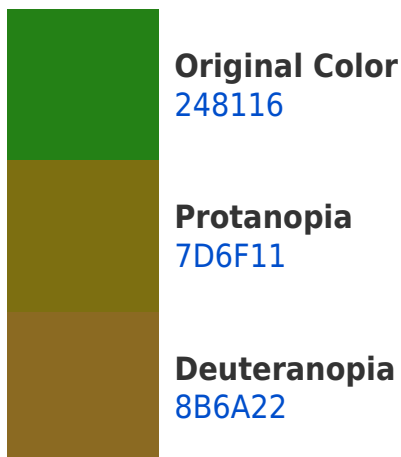


This preview shows how white text looks on a background with the Hex color 248116.

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
3F7882

Trichromacy



Original Color
248116

Protanomaly
5D7613

Deuteranomaly
66721E

Tritanomaly
357B5B

Monochromacy



Original Color
248116

Achromatopsia
595959

Achromatomaly
466841

CSS Examples

Text

The CSS property to change the color of the text to Hex 248116 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 #248116 looks like.

```
.text, #text, p{  
    color:#248116  
}
```

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 #248116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248116
}
```

Border

The CSS property to change the border of an element to Hex 248116 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
#248116 }
```

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

```
.border{ border-color:#248116 }
```

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

Here you see how a box with a 4 pixel #248116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248116; -webkit-box-shadow:4px 4px  
4px 4px #248116; box-shadow:4px 4px 4px  
4px #248116 }
```

Background

The CSS property to change the background color of an element to Hex 248116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248116 }
```

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

```
.background{ background-color:#248116 }
```

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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