

Converting Colors

Hex(248B3C)

Have a look what the booklet for
Hex(248B3C) contains.

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Color

Hex(248B3C)

Conversions

Conversions Part 1

Format	Color
Hex	248B3C
RGB	36, 139, 60
RGB Percent	14%, 55%, 24%
CMY	0.8588, 0.4549, 0.7647
CMYK	0.74, 0.00, 0.57, 0.45
HSL	134°, 59%, 34%
HSV	134°, 74%, 55%
XYZ	10.7758, 19.1665, 7.4065
YIQ	99.1970, -36.0290, -46.4050

Conversions

Conversions Part 2

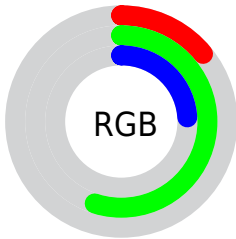
Format	Color
R_{YB}	36, 120, 139
Decimal	2394940
CIE Lab	50.88, -46.29, 33.67
CIE LCh	51, 57.238, 143.967
Yxy	19.1665, 0.2885, 0.5132
Android (android.graphics.Color)	4280585020 (0xFF248B3C)
YUV	99.1970, -19.3241, -55.4238
Hunter-Lab	43.7796, -32.6789, 20.6152

Details

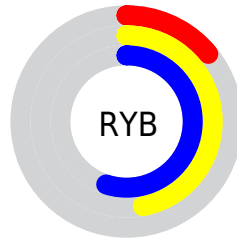
The Hex color **248B3C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8B2473**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **61C26E**, and **00580B** is the 20% darker color. If you saturate the color by 10%, you get **168B31**, and if you desaturate by 10%, it is **328B47**.

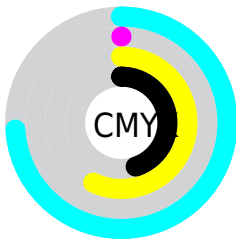
Distribution



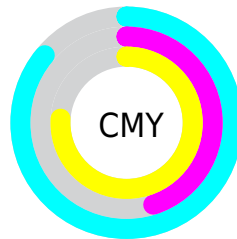
- Red (14%)
- Green (55%)
- Blue (24%)



- Red (14%)
- Yellow (47%)
- Blue (55%)



- Cyan (74%)
- Magenta (0%)
- Yellow (57%)
- Black (45%)



- Cyan (86%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248B3C 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 248B3C by changing the saturation by 10% instead.

 248B3C

 248B3C

FFFFFF

 007124

 61C26E

 00580B

 7DDE87

 003F00

 99FBA2

 002A00

 B6FFBE

 000600

 D3FFDA

 000000

 F0FFF6

 248B3C

 248B3C

 168B31

 328B47

 088B27

 408B51

 008B20

 4E8B5C

 5C8B67

 6A8B71

 778B7C

 858B87

 938B91

 A18B9C

Harmonies

Analogous

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



6B820F



248B3C



008F6D

Triad

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



248B3C



0082DB



CF4C55

Complementary

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



248B3C



8B2473

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.



CB4985



248B3C



6570D3

Square

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



248B3C



008CC8



AA5AB3



BC5F29

Rectangle

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



248B3C



00908F



AA5AB3



D14964

Sweetspot

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



248B3C



8DB597



758B24



445C49



DBDBDB



5C5C5C

Same Dimension

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



248B3C



14B539



248B6E



3E4540



00851F



000501

Inverse Universe

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



8B2473



B51490



8B2441



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 248B3C looks on a white background.

Color Contrast Check

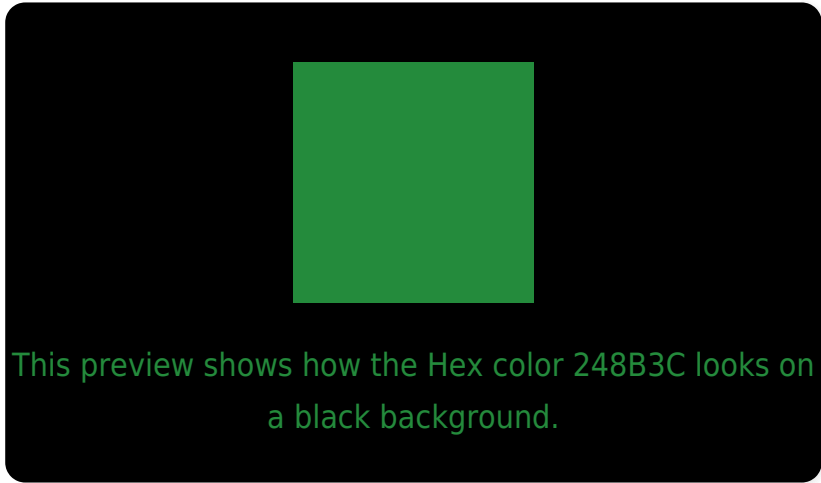
Large Text (above 18pt) WCAG AA ✓ Pass

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

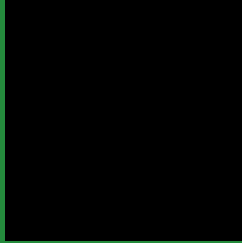
Any Text WCAG AA ✓ Pass

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 248B3C Background



This preview shows how black text looks on a background with the Hex color 248B3C.




This preview shows how white text looks on a background with the Hex color 248B3C.

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](#).

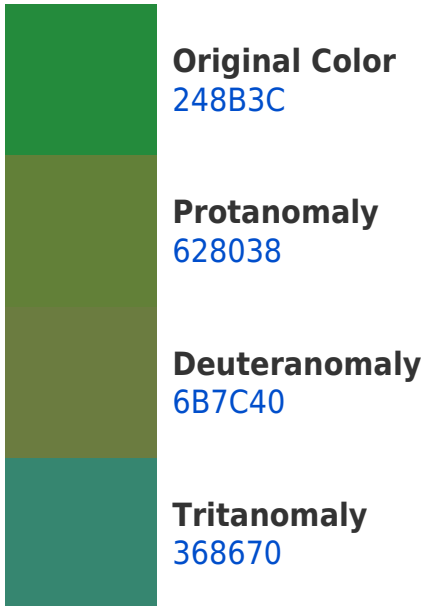
Dichromacy



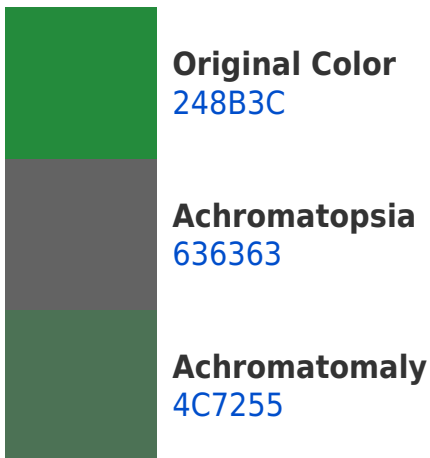


Tritanopia
40838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 248B3C 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 #248B3C looks like.

```
.text, #text, p{  
    color:#248B3C  
}
```

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 #248B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248B3C
}
```

Border

The CSS property to change the border of an element to Hex 248B3C 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
#248B3C }
```

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

```
.border{ border-color:#248B3C }
```

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

Here you see how a box with a 4 pixel #248B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248B3C; -webkit-box-shadow:4px 4px  
4px 4px #248B3C; box-shadow:4px 4px 4px  
4px #248B3C }
```

Background

The CSS property to change the background color of an element to Hex 248B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248B3C }
```

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

```
.background{ background-color:#248B3C }
```

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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