

Converting Colors

Hex(248B52)

Have a look what the booklet for
Hex(248B52) contains.

Hex(248B52)	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(248B52)

Conversions

Conversions Part 1

Format	Color
Hex	248B52
RGB	36, 139, 82
RGB Percent	14%, 55%, 32%
CMY	0.8588, 0.4549, 0.6784
CMYK	0.74, 0.00, 0.41, 0.45
HSL	147°, 59%, 34%
HSV	147°, 74%, 55%
XYZ	11.4832, 19.4495, 11.1315
YIQ	101.7050, -43.0910, -39.5630

Conversions

Conversions Part 2

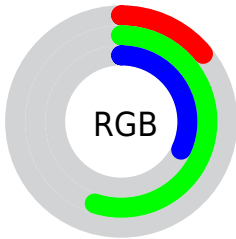
Format	Color
R_{YB}	36, 107, 139
Decimal	2394962
CIE _{Lab}	51.21, -42.52, 22.36
CIE _{LCh}	51, 48.036, 152.259
Yxy	19.4495, 0.2730, 0.4624
Android (android.graphics.Color)	4280585042 (0xFF248B52)
YUV	101.7050, -9.7146, -57.6233
Hunter-Lab	44.1016, -30.7000, 15.9059

Details

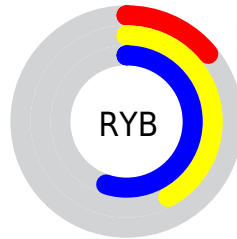
The Hex color **248B52** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B245D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **60C184**, and **005824** is the 20% darker color. If you saturate the color by 10%, you get **168B4A**, and if you desaturate by 10%, it is **328B5A**.

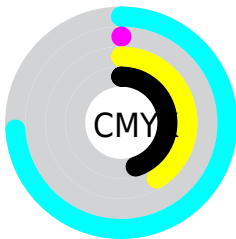
Distribution



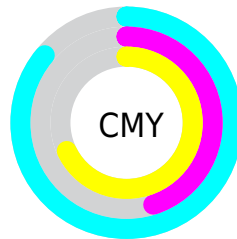
- Red (14%)
- Green (55%)
- Blue (32%)



- Red (14%)
- Yellow (42%)
- Blue (55%)



- Cyan (74%)
- Magenta (0%)
- Yellow (41%)
- Black (45%)



- Cyan (86%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248B52 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 248B52 by changing the saturation by 10% instead.



248B52



248B52

FFFFFF



00713A



60C184



005824



7CDE9E



003F0E



98FBB9



002A00



B5FFD5



000800



D2FFF2



000000



FFFFFF



248B52



248B52



168B4A



328B5A

■ 088B43

■ 408B61

■ 008B3E

■ 4E8B69

■ 5C8B71

■ 6A8B78

■ 778B80

■ 858B88

■ 938B90

■ A18B97

Harmonies

Analogous

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



638430



248B52



008E7C

Triad

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



248B52



1E7ECC



C25B51

Complementary

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



248B52



8B245D

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.



C45479



248B52



7F6EC0

Square

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



248B52



0088C2



AE5DA1



AE6A30

Rectangle

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



248B52



008E98



AE5DA1



C5575D

Sweetspot

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



248B52



8DB59F



5E8B24



445C4F



DBDBDB



5C5C5C

Same Dimension

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



248B52



14B55C



248B84



3E4541



00853B



000502

Inverse Universe

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



8B245D



B5146D



8B242B



453E42



850049



050003

Previews

White Background



This preview shows how the Hex color 248B52 looks on a white background.

Color Contrast Check

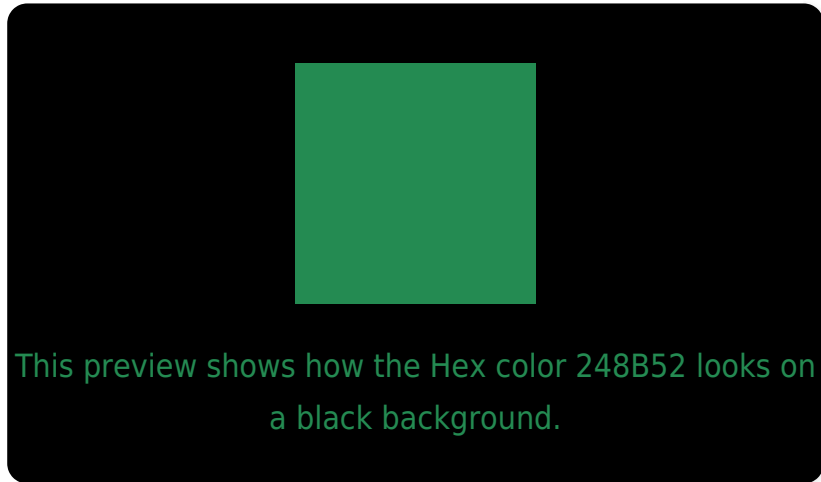
Large Text (above 18pt) WCAG AA ✓ Pass

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

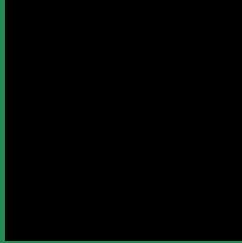
Any Text WCAG AA ✓ Pass

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 248B52 Background



This preview shows how black text looks on a background with the Hex color 248B52.



This preview shows how white text looks on a background with the Hex color 248B52.

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



Original Color
248B52

Protanopia
84794B

Deuteranopia
907457



Tritanopia
3C848F

Trichromacy



Original Color
248B52



Protanomaly
61804E



Deuteranomaly
697C55



Tritanomaly
338779

Monochromacy



Original Color
248B52



Achromatopsia
666666



Achromatomaly
4E735F

CSS Examples

Text

The CSS property to change the color of the text to Hex 248B52 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 #248B52 looks like.

```
.text, #text, p{  
    color:#248B52  
}
```

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 #248B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248B52
}
```

Border

The CSS property to change the border of an element to Hex 248B52 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".

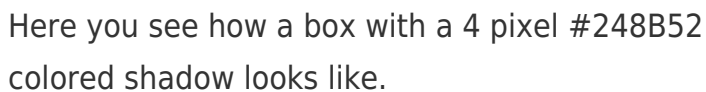
```
.border, #border, table{ border:4px solid
#248B52 }
```

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

```
.border{ border-color:#248B52 }
```

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

Here you see how a box with a 4 pixel #248B52 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248B52; -webkit-box-shadow:4px 4px  
4px 4px #248B52; box-shadow:4px 4px 4px  
4px #248B52 }
```

Background

The CSS property to change the background color of an element to Hex 248B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248B52 }
```

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

```
.background{ background-color:#248B52 }
```

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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