

Converting Colors

Hex(248740)

Have a look what the booklet for
Hex(248740) contains.

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Color

Hex(248740)

Conversions

Conversions Part 1

Format	Color
Hex	248740
RGB	36, 135, 64
RGB Percent	14%, 53%, 25%
CMY	0.8588, 0.4706, 0.7490
CMYK	0.73, 0.00, 0.53, 0.47
HSL	137°, 58%, 34%
HSV	137°, 73%, 53%
XYZ	10.3169, 18.0732, 7.7952
YIQ	97.3050, -36.2130, -43.0690

Conversions

Conversions Part 2

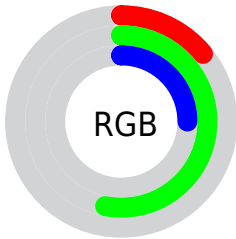
Format	Color
RYB	36, 113, 135
Decimal	2393920
CIELab	49.58, -44.18, 30.03
CIElCh	50, 53.422, 145.796
Yxy	18.0732, 0.2851, 0.4995
Android (android.graphics.Color)	4280584000 (0xFF248740)
YUV	97.3050, -16.4194, -53.7645
Hunter-Lab	42.5126, -31.0786, 18.8872

Details

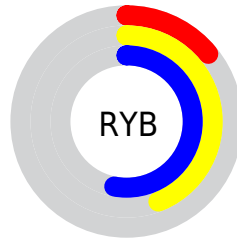
The Hex color **248740** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87246B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **60BD71**, and **005411** is the 20% darker color. If you saturate the color by 10%, you get **168736**, and if you desaturate by 10%, it is **31874A**.

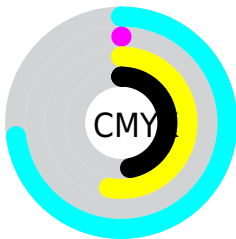
Distribution



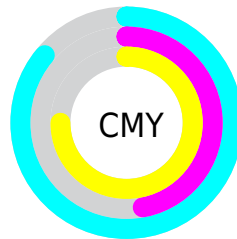
- Red (14%)
- Green (53%)
- Blue (25%)



- Red (14%)
- Yellow (44%)
- Blue (53%)



- Cyan (73%)
- Magenta (0%)
- Yellow (53%)
- Black (47%)



- Cyan (86%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248740 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 248740 by changing the saturation by 10% instead.

 248740

 248740

FFFFFF

 006D29

 60BD71

 005411

 7CD98B

 003C00

 98F6A6

 002700

 B4FFC1

 000000


 D1FFDD

 EEFFFA

 248740

 248740

 168736

 31874A

09872D

3F8753

008726

4D875D

5A8767

688770

75877A

838784

90878D

9D8797

Harmonies

Analogous

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



667F19



248740



008B6E

Triad

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



248740



007DD1



C64E51

Complementary

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



248740



87246B

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.



C34A7E



248740



6A6DC8

Square

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



248740



0087C0



A758AA



B35F2A

Rectangle

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



248740



008B8D



A758AA



C84B60

Sweetspot

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



248740



89B094



6D8724



425949



D9D9D9



595959

Same Dimension

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



248740



15B041



248770



3C423E



008225



000301

Inverse Universe

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



87246B



B01584



87243B



423C40



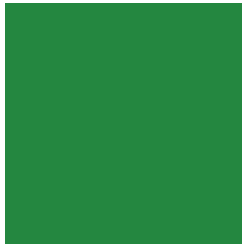
82005D



030002

Previews

White Background



This preview shows how the Hex color 248740 looks on a white background.

Color Contrast Check

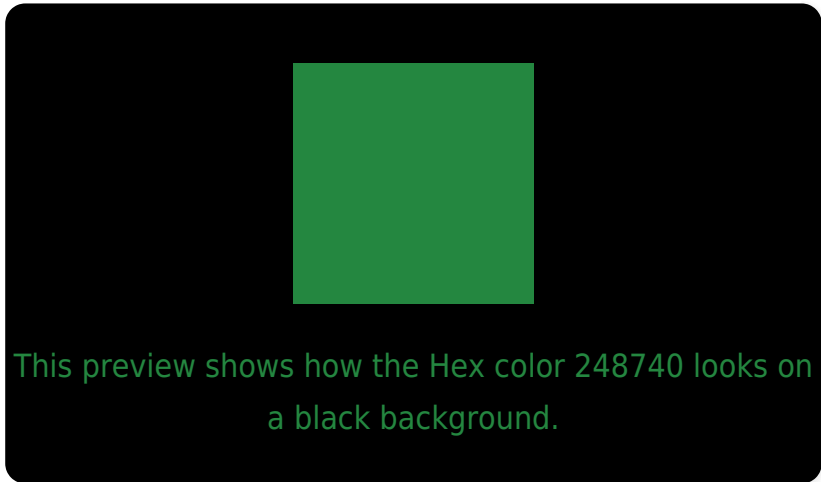
Large Text (above 18pt) WCAG AA ✓ Pass

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 248740 Background



This preview shows how black text looks on a background with the Hex color 248740.

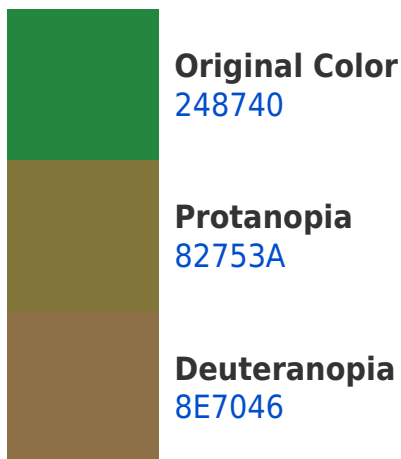


This preview shows how white text looks on a background with the Hex color 248740.

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
3E7F89

Trichromacy



Original Color
248740



Protanomaly
607C3C



Deuteranomaly
677844



Tritanomaly
35826E

Monochromacy



Original Color
248740



Achromatopsia
616161



Achromatomaly
4B6F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 248740 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 #248740 looks like.

```
.text, #text, p{  
    color:#248740  
}
```

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 #248740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248740
}
```

Border

The CSS property to change the border of an element to Hex 248740 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
#248740 }
```

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

```
.border{ border-color:#248740 }
```

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

Here you see how a box with a 4 pixel #248740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248740; -webkit-box-shadow:4px 4px  
4px 4px #248740; box-shadow:4px 4px 4px  
4px #248740 }
```

Background

The CSS property to change the background color of an element to Hex 248740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248740 }
```

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

```
.background{ background-color:#248740 }
```

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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