

Converting Colors

Hex(249243)

Have a look what the booklet for
Hex(249243) contains.

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Color

Hex(249243)

Conversions

Conversions Part 1

Format	Color
Hex	249243
RGB	36, 146, 67
RGB Percent	14%, 57%, 26%
CMY	0.8588, 0.4275, 0.7373
CMYK	0.75, 0.00, 0.54, 0.43
HSL	137°, 60%, 36%
HSV	137°, 75%, 57%
XYZ	12.0196, 21.3381, 8.7954
YIQ	104.1040, -40.2010, -47.8890

Conversions

Conversions Part 2

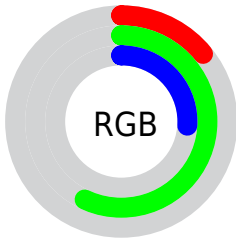
Format	Color
R_{YB}	36, 122, 146
Decimal	2396739
CIE _{Lab}	53.32, -47.81, 33.06
CIE _{LCh}	53, 58.128, 145.341
Yxy	21.3381, 0.2851, 0.5062
Android (android.graphics.Color)	4280586819 (0xFF249243)
YUV	104.1040, -18.2923, -59.7272
Hunter-Lab	46.1932, -34.3920, 21.0462

Details

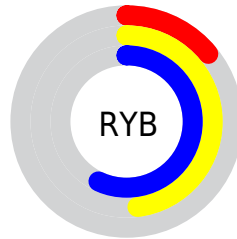
The Hex color **249243** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **922473**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **62C975**, and **005E13** is the 20% darker color. If you saturate the color by 10%, you get **159239**, and if you desaturate by 10%, it is **33924D**.

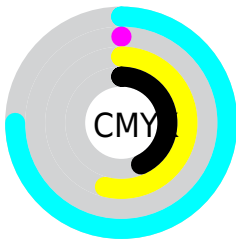
Distribution



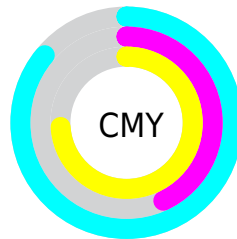
- Red (14%)
- Green (57%)
- Blue (26%)



- Red (14%)
- Yellow (48%)
- Blue (57%)



- Cyan (75%)
- Magenta (0%)
- Yellow (54%)
- Black (43%)



- Cyan (86%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249243 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 249243 by changing the saturation by 10% instead.

 249243

 249243

FFFFFF

 00782B

 62C975

 005E13

 7FE58F

 004500

 9BFFAA

 002F00

 B8FFC5

 001400

 D5FFE2

 000000

 F3FFFF

 249243

 249243

 159239

 33924D

07922E

419258

009229

509262

5E926D

6D9277

7C9282

8A928C

999297

A792A1

Harmonies

Analogous

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



6F8917



249243



009676

Triad

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



249243



0088E3



D75358

Complementary

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



249243



922473

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.



D44E89



249243



7075DA

Square

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



249243



0092D1



B45FB9



C3662C

Rectangle

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



249243



009798



B45FB9



D94F68

Sweetspot

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



249243



91BD9E



759224



445E4B



DEDEDE



5E5E5E

Same Dimension

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



249243



13BD43



249278



434A45



008A27



000A03

Inverse Universe

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



922473



BD138D



92243E



4A4348



8A0063



0A0007

Previews

White Background



This preview shows how the Hex color 249243 looks on a white background.

Color Contrast Check

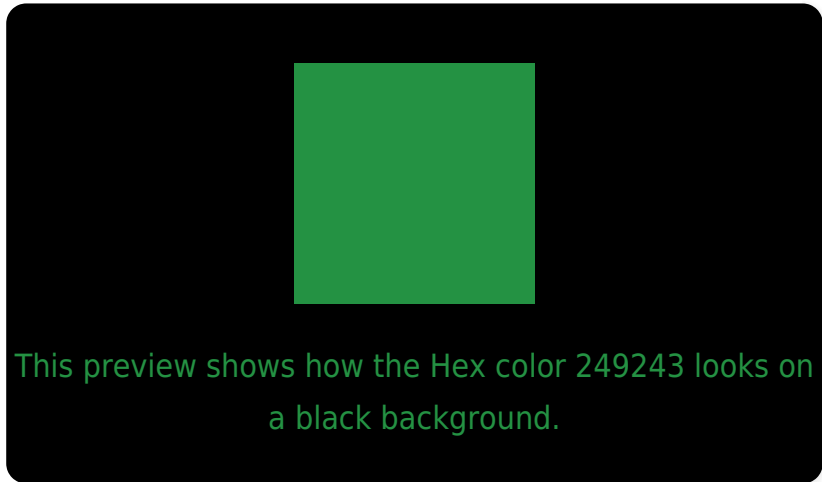
Large Text (above 18pt) WCAG AA ✓ Pass

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

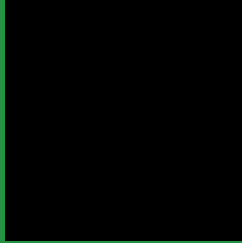
Any Text WCAG AA ✓ Pass

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 249243 Background



This preview shows how black text looks on a background with the Hex color 249243.

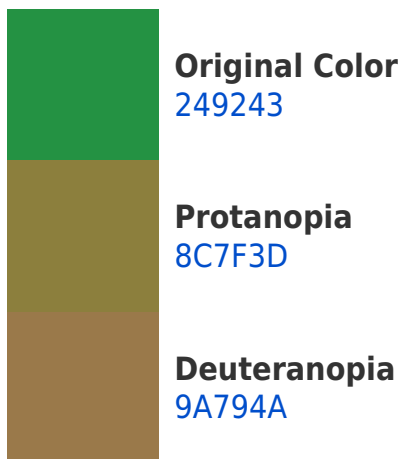


This preview shows how white text looks on a background with the Hex color 249243.

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
428994

Trichromacy



Original Color
249243



Protanomaly
66863F



Deuteranomaly
6F8247



Tritanomaly
378C77

Monochromacy



Original Color
249243



Achromatopsia
686868



Achromatomaly
4F775B

CSS Examples

Text

The CSS property to change the color of the text to Hex 249243 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 #249243 looks like.

```
.text, #text, p{  
    color:#249243  
}
```

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 #249243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249243
}
```

Border

The CSS property to change the border of an element to Hex 249243 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
#249243 }
```

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

```
.border{ border-color:#249243 }
```

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

Here you see how a box with a 4 pixel #249243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249243; -webkit-box-shadow:4px 4px  
4px 4px #249243; box-shadow:4px 4px 4px  
4px #249243 }
```

Background

The CSS property to change the background color of an element to Hex 249243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249243 }
```

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

```
.background{ background-color:#249243 }
```

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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