

# Converting Colors

Hex(249446)

Have a look what the booklet for  
Hex(249446) contains.

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# Color

Hex(249446)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 249446                       |
| RGB         | 36, 148, 70                  |
| RGB Percent | 14%, 58%, 27%                |
| CMY         | 0.8588, 0.4196, 0.7255       |
| CMYK        | 0.76, 0.00, 0.53, 0.42       |
| HSL         | 138°, 61%, 36%               |
| HSV         | 138°, 76%, 58%               |
| XYZ         | 12.4230, 21.9971, 9.3855     |
| YIQ         | 105.6200, -41.7140, -48.0020 |

# Conversions

## Conversions Part 2

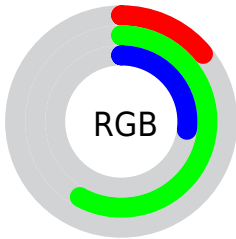
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 36, 122, 148                    |
| Decimal                             | 2397254                         |
| CIE <sub>Lab</sub>                  | 54.02, -48.08, 32.38            |
| CIE <sub>LCh</sub>                  | 54, 57.970, 146.039             |
| Yxy                                 | 21.9971, 0.2836,<br>0.5022      |
| Android<br>(android.graphics.Color) | 4280587334<br>(0xFF249446)      |
| YUV                                 | 105.6200, -17.5607,<br>-61.0567 |
| Hunter-Lab                          | 46.9010, -34.7965,<br>20.9661   |

# Details

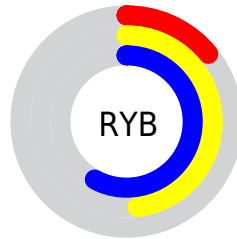
The Hex color **249446** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **942472**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **63CB78**, and **006016** is the 20% darker color. If you saturate the color by 10%, you get **15943C**, and if you desaturate by 10%, it is **339450**.

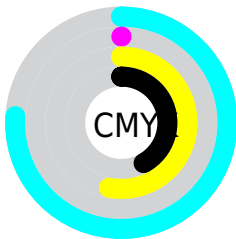
# Distribution



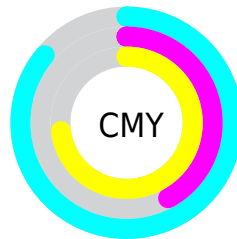
- Red (14%)
- Green (58%)
- Blue (27%)



- Red (14%)
- Yellow (48%)
- Blue (58%)



- Cyan (76%)
- Magenta (0%)
- Yellow (53%)
- Black (42%)



- Cyan (86%)
- Magenta (42%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 249446 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 249446 by changing the saturation by 10% instead.



 249446

 249446

FFFFFF

 007A2E

 63CB78

 006016

 7FE892

 004700

 9CFFAD

 003000

 B9FFC9

 001700

 D6FFE5

 000000

 F3FFFF

 249446

 249446

 15943C

 339450

069431

42945B

00942D

509465

5F946F

6E947A

7D9484

8C948E

9A9498

A994A3

# Harmonies

## Analogous

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



6F8B1A



249446



009879

# Triad

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



249446



0089E5



D95558

# Complementary

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



249446



942472

# 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.



D7508A



249446



7477DC

# Square

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



249446



0094D4



B760BA



C5682D

# Rectangle

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



249446



00999B



B760BA



DB5168



# Sweetspot

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



249446



93BFA1



729424



46614E



E0E0E0



616161



# Same Dimension

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



249446



11BF46



24947E



434A45



008A2A



000A03



# Inverse Universe

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



942472



BF118A



94243A



4A4348



8A0060



0A0007



# Previews

## White Background



This preview shows how the Hex color 249446 looks on a white background.

## Color Contrast Check

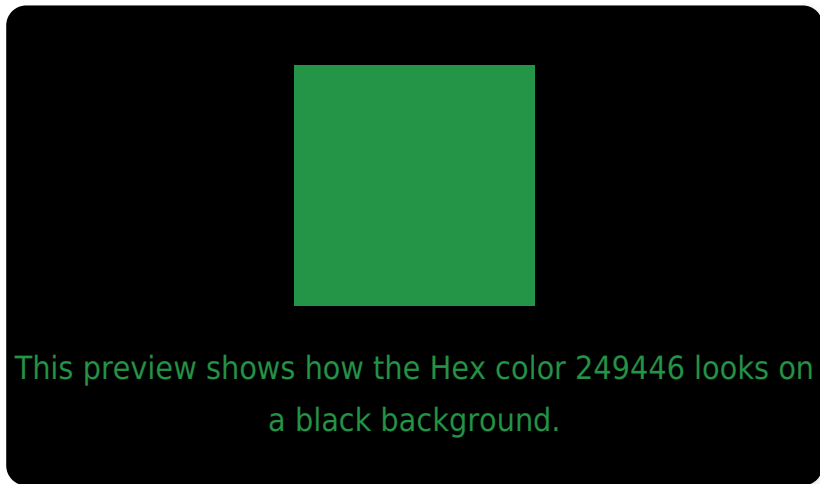
Large Text (above 18pt) WCAG AA ✓ Pass

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

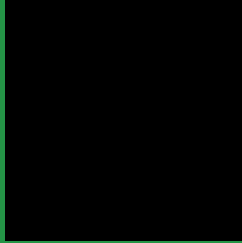
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 249446 Background



This preview shows how black text looks on a background with the Hex color 249446.

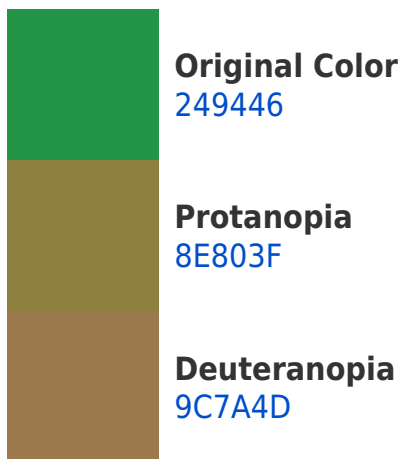


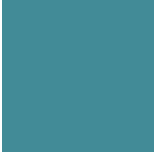
This preview shows how white text looks on a background with the Hex color 249446.

# 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**  
428B97

# Trichromacy



**Original Color**  
249446



**Protanomaly**  
678742



**Deuteranomaly**  
70834A



**Tritanomaly**  
378E7A

# Monochromacy



**Original Color**  
249446



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
51795D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 249446 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 #249446 looks like.

```
.text, #text, p{  
    color:#249446  
}
```

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 #249446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249446
}
```

## Border

The CSS property to change the border of an element to Hex 249446 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
#249446 }
```

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

```
.border{ border-color:#249446 }
```

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

Here you see how a box with a 4 pixel #249446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249446; -webkit-box-shadow:4px 4px  
4px 4px #249446; box-shadow:4px 4px 4px  
4px #249446 }
```

# Background

The CSS property to change the background color of an element to Hex 249446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249446 }
```

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

```
.background{ background-color:#249446 }
```

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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