

Converting Colors

Hex(249268)

Have a look what the booklet for
Hex(249268) contains.

Hex(249268)	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(249268)

Conversions

Conversions Part 1

Format	Color
Hex	249268
RGB	36, 146, 104
RGB Percent	14%, 57%, 41%
CMY	0.8588, 0.4275, 0.5922
CMYK	0.75, 0.00, 0.29, 0.43
HSL	157°, 60%, 36%
HSV	157°, 75%, 57%
XYZ	13.5051, 21.9323, 16.6183
YIQ	108.3220, -52.0780, -36.3820

Conversions

Conversions Part 2

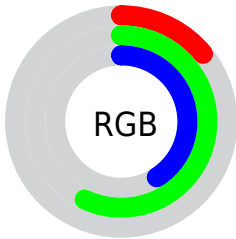
Format	Color
R_{YB}	36, 104, 146
Decimal	2396776
CIE _{Lab}	53.96, -40.62, 13.73
CIE _{LCh}	54, 42.879, 161.324
Yxy	21.9323, 0.2594, 0.4213
Android (android.graphics.Color)	4280586856 (0xFF249268)
YUV	108.3220, -2.1307, -63.4264
Hunter-Lab	46.8319, -30.4811, 11.7434

Details

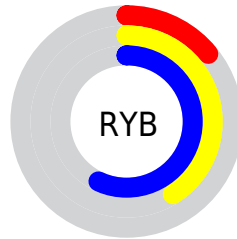
The Hex color **249268** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **92244E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **62C99B**, and **005E39** is the 20% darker color. If you saturate the color by 10%, you get **159262**, and if you desaturate by 10%, it is **33926E**.

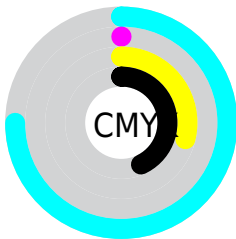
Distribution



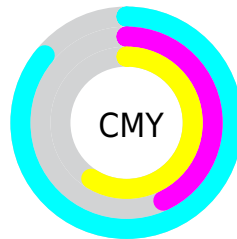
- Red (14%)
- Green (57%)
- Blue (41%)



- Red (14%)
- Yellow (41%)
- Blue (57%)



- Cyan (75%)
- Magenta (0%)
- Yellow (29%)
- Black (43%)



- Cyan (86%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249268 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 249268 by changing the saturation by 10% instead.

 249268

 249268

FFFFFF

 007850

 62C99B

 005E39

 7EE5B6

 004623

 9BFFD2

 002F0E

 B7FFEE

 001600

 D5FFFF

 000000

 F2FFFF

 249268

 249268

 159262

 33926E

07925D

419273

00925A

509279

5E927E

6D9284

7C9289

8A928F

999295

A7929A

Harmonies

Analogous

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



618D47



249268



00948E

Triad

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



249268



5B80C9



C06952

Complementary

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



249268



92244E

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.



C66174



249268



9672B9

Square

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



249268



008BC7



B9659A



AA773A

Rectangle

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



249268



0093A6



B9659A



C4665D

Sweetspot

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



249268



91BDAC



4E9224



445E54



DEDEDE



5E5E5E

Same Dimension

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



249268



13BD7C



248592



434A47



008A55



000A06

Inverse Universe

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



92244E



BD1354



923124



4A4345



8A0035



0A0004

Previews

White Background



This preview shows how the Hex color 249268 looks on a white background.

Color Contrast Check

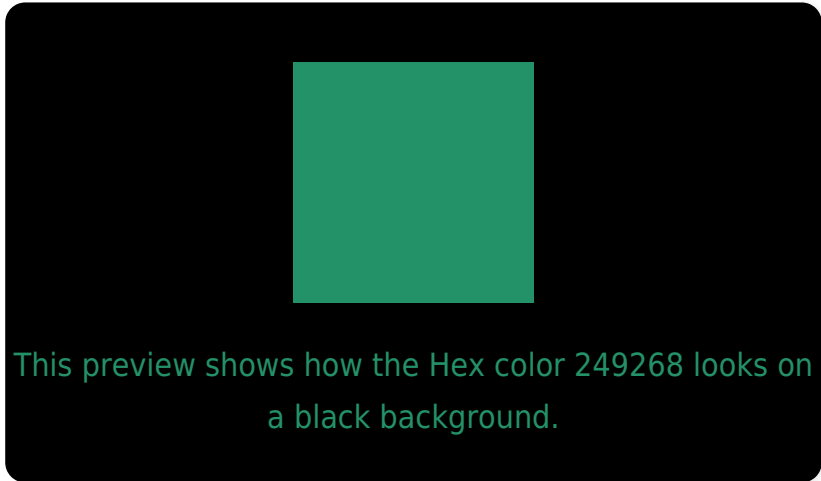
Large Text (above 18pt) WCAG AA ✓ Pass

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

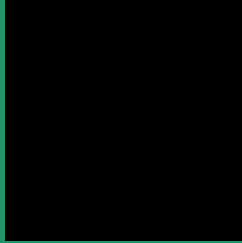
Any Text WCAG AA ✓ Pass

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 249268 Background



This preview shows how black text looks on a background with the Hex color 249268.



This preview shows how white text looks on a background with the Hex color 249268.

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
249268

Protanopia
898060

Deuteranopia
937B6D

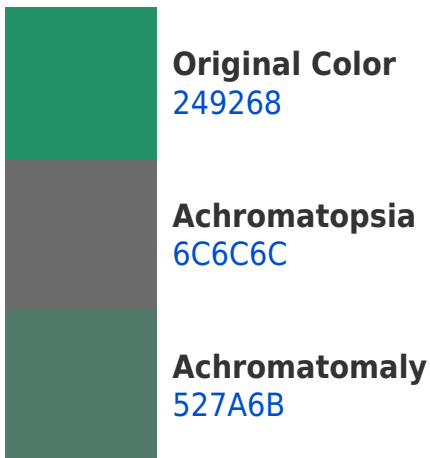


Tritanopia
3B8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 249268 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 #249268 looks like.

```
.text, #text, p{  
    color:#249268  
}
```

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 #249268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249268
}
```

Border

The CSS property to change the border of an element to Hex 249268 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
#249268 }
```

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

```
.border{ border-color:#249268 }
```

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

Here you see how a box with a 4 pixel #249268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249268; -webkit-box-shadow:4px 4px  
4px 4px #249268; box-shadow:4px 4px 4px  
4px #249268 }
```

Background

The CSS property to change the background color of an element to Hex 249268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249268 }
```

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

```
.background{ background-color:#249268 }
```

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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