

Converting Colors

Hex(209967)

Have a look what the booklet for
Hex(209967) contains.

Hex(209967)	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(209967)

Conversions

Conversions Part 1

Format	Color
Hex	209967
RGB	32, 153, 103
RGB Percent	13%, 60%, 40%
CMY	0.8745, 0.4000, 0.5961
CMYK	0.79, 0.00, 0.33, 0.40
HSL	155°, 65%, 36%
HSV	155°, 79%, 60%
XYZ	14.4351, 24.0688, 16.7169
YIQ	111.1210, -56.0660, -41.2020

Conversions

Conversions Part 2

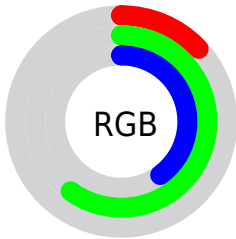
Format	Color
R_{YB}	32, 108, 153
Decimal	2136423
CIE _{Lab}	56.16, -44.25, 17.31
CIE _{LCh}	56, 47.521, 158.632
Yxy	24.0688, 0.2614, 0.4359
Android (android.graphics.Color)	4280326503 (0xFF209967)
YUV	111.1210, -4.0037, -69.3891
Hunter-Lab	49.0600, -33.3343, 14.1393

Details

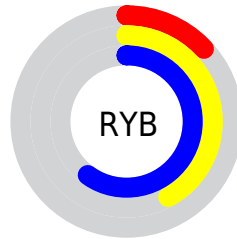
The Hex color **209967** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **992052**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61D09A**, and **006538** is the 20% darker color. If you saturate the color by 10%, you get **119961**, and if you desaturate by 10%, it is **2F996D**.

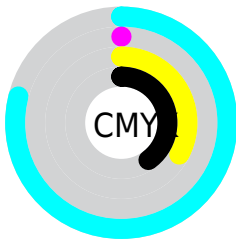
Distribution



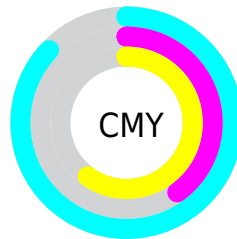
- Red (13%)
- Green (60%)
- Blue (40%)



- Red (13%)
- Yellow (42%)
- Blue (60%)



- Cyan (79%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (87%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209967 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 209967 by changing the saturation by 10% instead.



209967



209967

FFFFFF



007E4F



61D09A



006538



7EEDB5



004C22



9BFFD1



00340C



B8FFED



001E00



D5FFFF



000000



F3FFFF



209967



209967



119961



2F996D

01995A

3F9974

00995A

4E997A

5D9980

6C9987

7C998D

8B9993

9A999A

AA99A0

Harmonies

Analogous

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



669343



209967



009B92

Triad

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



209967



5187D8



CD6A55

Complementary

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



209967



992052

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.



D3627C



209967



9977C7

Square

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



209967



0093D3



C268A6



B67A38

Rectangle

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



209967



009BAD



C268A6



D16661

Sweetspot

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



209967



97C7B3



529920



476358



E3E3E3



636363

Same Dimension

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



209967



0AC779



208F99



454D49



008C52



000D07

Inverse Universe

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



992052



C70A58



992A20



4D4548



8C003A



0D0005

Previews

White Background



This preview shows how the Hex color 209967 looks on a white background.

Color Contrast Check

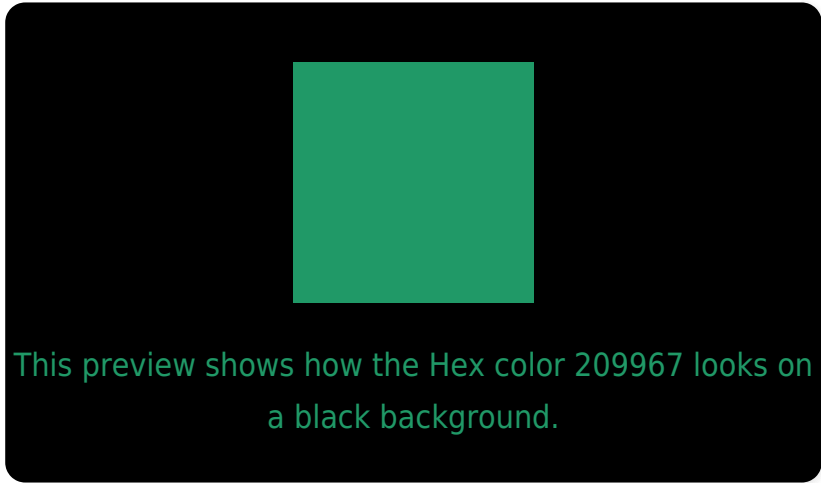
Large Text (above 18pt) WCAG AA ✓ Pass

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 209967 Background



This preview shows how black text looks on a background with the Hex color 209967.



This preview shows how white text looks on a background with the Hex color 209967.

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
209967

Protanopia
90865F

Deuteranopia
9B806D



Tritanopia
3C929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 209967 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 #209967 looks like.

```
.text, #text, p{  
    color:#209967  
}
```

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 #209967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209967
}
```

Border

The CSS property to change the border of an element to Hex 209967 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
#209967 }
```

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

```
.border{ border-color:#209967 }
```

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

Here you see how a box with a 4 pixel #209967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209967; -webkit-box-shadow:4px 4px  
4px 4px #209967; box-shadow:4px 4px 4px  
4px #209967 }
```

Background

The CSS property to change the background color of an element to Hex 209967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209967 }
```

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

```
.background{ background-color:#209967 }
```

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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