

# Converting Colors

Hex(259304)

Have a look what the booklet for  
Hex(259304) contains.

<b>Hex(259304)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(259304)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	259304
RGB	37, 147, 4
RGB Percent	15%, 58%, 2%
CMY	0.8549, 0.4235, 0.9843
CMYK	0.75, 0.00, 0.97, 0.42
HSL	106°, 95%, 30%
HSV	106°, 97%, 58%
XYZ	11.2186, 21.2695, 3.6290
YIQ	97.8080, -19.6570, -67.7930

# Conversions

## Conversions Part 2

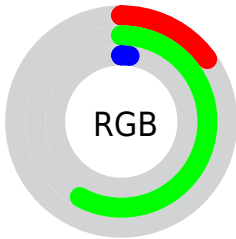
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 147, 114
Decimal	2462468
CIELab	53.24, -53.20, 55.02
CIELCh	53, 76.533, 134.034
Yxy	21.2695, 0.3106, 0.5889
Android (android.graphics.Color)	4280652548 (0xFF259304)
YUV	97.8080, -46.2473, -53.3286
Hunter-Lab	46.1189, -37.2873, 27.6178

# Details

The Hex color **259304** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **720493**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **66CA46**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **229300**, and if you desaturate by 10%, it is **309313**.

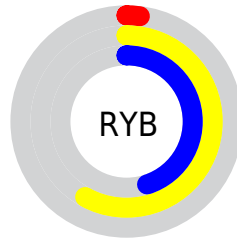
# Distribution



Red (15%)

Green (58%)

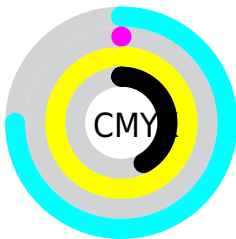
Blue (2%)



Red (2%)

Yellow (58%)

Blue (45%)

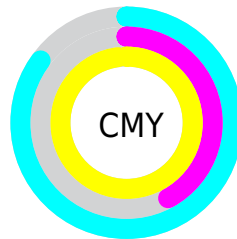


Cyan (75%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (85%)

Magenta (42%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 259304 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 259304 by changing the saturation by 10% instead.





259304



259304

FFFFFF



007900



66CA46



005F00



83E761



004600



A0FF7C



003000



BDFF97



001300



DBFFB3



000000



F9FFD0



FFFFED



259304



259304

■ 229300

■ 309313

■ 3C9321

■ 479330

■ 52933F

■ 5E934D

■ 69935C

■ 74936B

■ 7F937A

■ 8B9388

# Harmonies

## Analogous

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



7E8600



259304



009958

# Triad

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



259304



0091FF



F12A63

# Complementary

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



259304



720493

# 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.



E135A5



259304



007DFF

# Square

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



259304



009ADA



A75DDF



E04E23

# Rectangle

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



259304



009B87



A75DDF



F02679



# Sweetspot

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



259304



95BF88



937204



47613F



E0E0E0



616161



# Same Dimension

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



259304



2CBF00



04932A



444A43



208A00



020A00



# Inverse Universe

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



720493



9300BF



93046D



48434A



6A008A

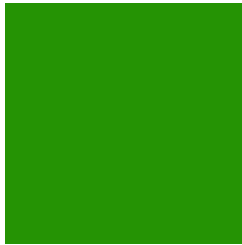


08000A



# Previews

## White Background



This preview shows how the Hex color 259304 looks on a white background.

## Color Contrast Check

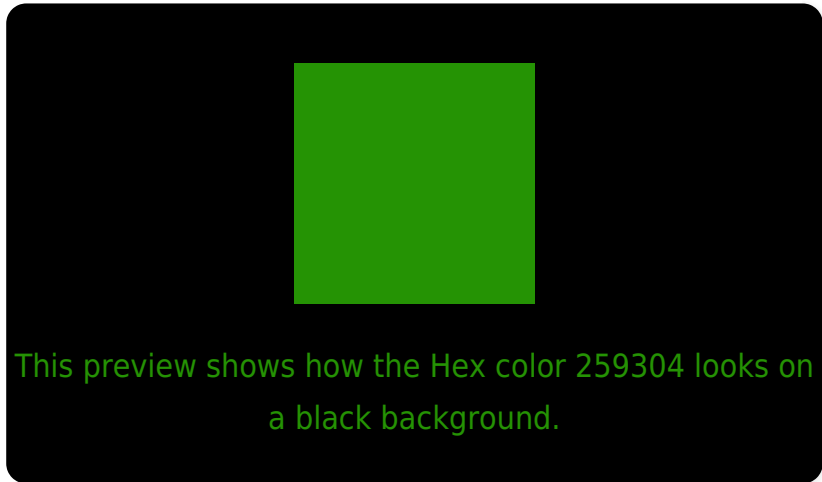
Large Text (above 18pt) WCAG AA ✓ Pass

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

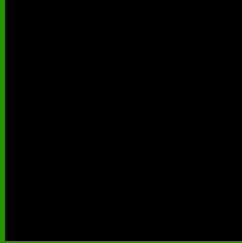
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 259304 Background



This preview shows how black text looks on a background with the Hex color 259304.



This preview shows how white text looks on a background with the Hex color 259304.

# 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**  
259304

**Protanopia**  
8F7F00

**Deuteranopia**  
9F7820



**Tritanopia**  
468994

# Trichromacy



**Original Color**  
259304



**Protanomaly**  
688601



**Deuteranomaly**  
738216



**Tritanomaly**  
3A8D60

# Monochromacy



**Original Color**  
259304



**Achromatopsia**  
626262



**Achromatomaly**  
4C7440

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 259304 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 #259304 looks like.

```
.text, #text, p{  
    color:#259304  
}
```

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 #259304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #259304
}
```

## Border

The CSS property to change the border of an element to Hex 259304 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
#259304 }
```

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

```
.border{ border-color:#259304 }
```

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

Here you see how a box with a 4 pixel #259304 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #259304; -webkit-box-shadow:4px 4px  
4px 4px #259304; box-shadow:4px 4px 4px  
4px #259304 }
```

# Background

The CSS property to change the background color of an element to Hex 259304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#259304 }
```

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

```
.background{ background-color:#259304 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor