

# Converting Colors

Hex(269C04)

Have a look what the booklet for  
Hex(269C04) contains.

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**Color**

**Hex(269C04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	269C04
RGB	38, 156, 4
RGB Percent	15%, 61%, 2%
CMY	0.8510, 0.3882, 0.9843
CMYK	0.76, 0.00, 0.97, 0.39
HSL	107°, 95%, 31%
HSV	107°, 97%, 61%
XYZ	12.7097, 24.1978, 4.1156
YIQ	103.3900, -21.5360, -72.2880

# Conversions

## Conversions Part 2

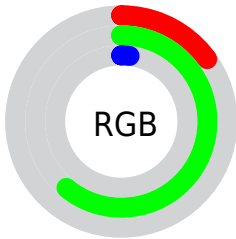
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 156, 122
Decimal	2530308
CIE <sub>Lab</sub>	56.29, -55.89, 57.51
CIE <sub>LCh</sub>	56, 80.194, 134.182
Yxy	24.1978, 0.3098, 0.5899
Android (android.graphics.Color)	4280720388 (0xFF269C04)
YUV	103.3900, -48.9993, -57.3470
Hunter-Lab	49.1912, -39.9650, 29.4733

# Details

The Hex color **269C04** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7A049C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **68D448**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **239C00**, and if you desaturate by 10%, it is **329C14**.

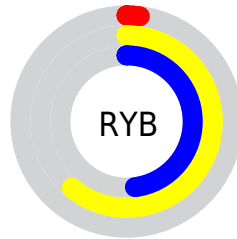
# Distribution



Red (15%)

Green (61%)

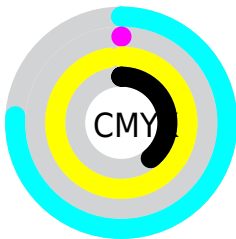
Blue (2%)



Red (2%)

Yellow (61%)

Blue (48%)

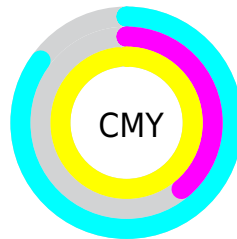


Cyan (76%)

Magenta (0%)

Yellow (97%)

Black (39%)



Cyan (85%)

Magenta (39%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 269C04 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 269C04 by changing the saturation by 10% instead.



 269C04

 269C04

FFFFFF

 008100

 68D448

 006700

 86F063

 004E00

 A3FF7F

 003600

 C1FF9A

 001E00

 DFFF B6

 000000

 FDFFD3

 FFFFF0

 269C04

 269C04

■ 239C00

■ 329C14

■ 3E9C23

■ 4A9C33

■ 569C42

■ 639C52

■ 6F9C62

■ 7B9C71

■ 879C81

■ 939C90

# Harmonies

## Analogous

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



858E00



269C04



00A35E

# Triad

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



269C04



009AFF



FF2C69

# Complementary

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



269C04



7A049C

# 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.



EF38AF



269C04



0085FF

# Square

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



269C04



00A3E8



B162EC



ED5225

# Rectangle

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



269C04



00A58F



B162EC



FE2880



# Sweetspot

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



269C04



9ECC91



9C7904



4A6642



E6E6E6



666666



# Same Dimension

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



269C04



2ECC00



049C2D



494F47



208F00



030F00



# Inverse Universe

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



7A049C



9E00CC



9C0473



4D474F



6F008F

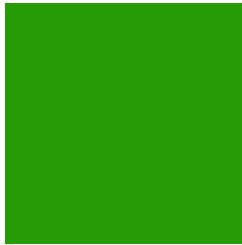


0C000F



# Previews

## White Background



This preview shows how the Hex color 269C04 looks on a white background.

## Color Contrast Check

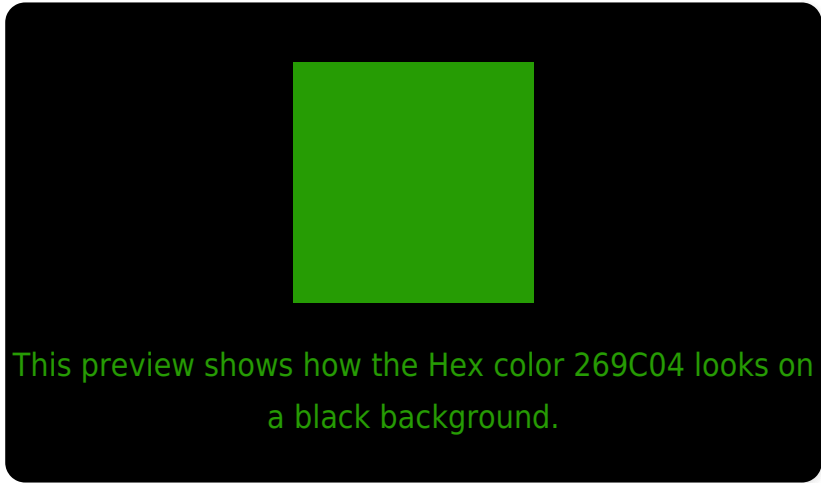
Large Text (above 18pt) WCAG AA ✓ Pass

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

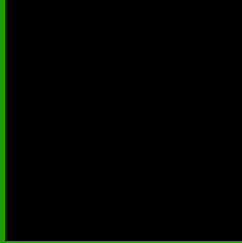
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 269C04 Background



This preview shows how black text looks on a background with the Hex color 269C04.



This preview shows how white text looks on a background with the Hex color 269C04.

# 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**  
269C04

**Protanopia**  
978600

**Deuteranopia**  
A97F22



**Tritanopia**  
4A919D

# Trichromacy



**Original Color**  
269C04



**Protanomaly**  
6E8E01



**Deuteranomaly**  
798A17



**Tritanomaly**  
3D9565

# Monochromacy



**Original Color**  
269C04



**Achromatopsia**  
676767



**Achromatomaly**  
4F7A43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 269C04 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 #269C04 looks like.

```
.text, #text, p{  
    color:#269C04  
}
```

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 #269C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #269C04
}
```

## Border

The CSS property to change the border of an element to Hex 269C04 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
#269C04 }
```

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

```
.border{ border-color:#269C04 }
```

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

Here you see how a box with a 4 pixel #269C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #269C04; -webkit-box-shadow:4px 4px  
4px 4px #269C04; box-shadow:4px 4px 4px  
4px #269C04 }
```

# Background

The CSS property to change the background color of an element to Hex 269C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#269C04 }
```

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

```
.background{ background-color:#269C04 }
```

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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