

# Converting Colors

Hex(2B9603)

Have a look what the booklet for  
Hex(2B9603) contains.

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**Color**

**Hex(2B9603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B9603
RGB	43, 150, 3
RGB Percent	17%, 59%, 1%
CMY	0.8314, 0.4118, 0.9882
CMYK	0.71, 0.00, 0.98, 0.41
HSL	104°, 96%, 30%
HSV	104°, 98%, 59%
XYZ	11.9190, 22.3329, 3.7686
YIQ	101.2490, -16.5850, -68.4010

# Conversions

## Conversions Part 2

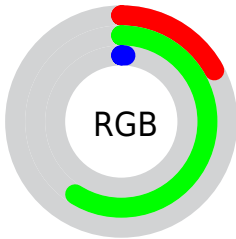
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 150, 110
Decimal	2856451
CIELab	54.38, -53.09, 56.16
CIElCh	54, 77.283, 133.387
Yxy	22.3329, 0.3135, 0.5874
Android (android.graphics.Color)	4281046531 (0xFF2B9603)
YUV	101.2490, -48.4368, -51.0844
Hunter-Lab	47.2577, -37.6807, 28.3522

# Details

The Hex color **2B9603** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6E0396**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6ACD46**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **299600**, and if you desaturate by 10%, it is **369612**.

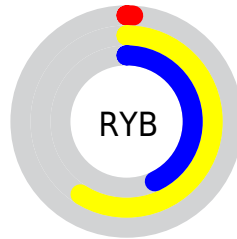
# Distribution



Red (17%)

Green (59%)

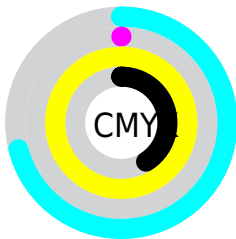
Blue (1%)



Red (1%)

Yellow (59%)

Blue (43%)

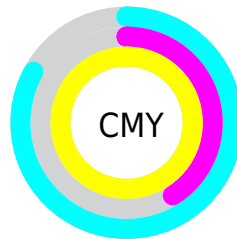


Cyan (71%)

Magenta (0%)

Yellow (98%)

Black (41%)



Cyan (83%)

Magenta (41%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B9603 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 2B9603 by changing the saturation by 10% instead.





2B9603



2B9603

FFFFFF



007B00



6ACD46



006200



87EA61



004900



A4FF7D



003200



C2FF98



001800



DFFF84



000000



FDDFD0



FFFFED



2B9603



2B9603

■ 299600

■ 369612

■ 419621

■ 4C9630

■ 57963F

■ 62964E

■ 6D965D

■ 77966C

■ 82967B

■ 8D968A

# Harmonies

## Analogous

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



828800



2B9603



009D59

# Triad

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



2B9603



0094FF



F62C67

# Complementary

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



2B9603



6E0396

# 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.



E538AA



2B9603



0080FF

# Square

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



2B9603



009DDD



A860E4



E54F27

# Rectangle

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



2B9603



009F88



A860E4



F4297E



# Sweetspot

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



2B9603



99C28A



966C03



48613F



E0E0E0



616161



# Same Dimension

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



2B9603



35C200



039623



454A43



258A00



030A00



# Inverse Universe

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



6E0396



8D00C2



960376



48434A



64008A

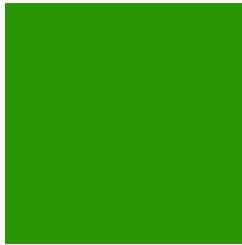


07000A



# Previews

## White Background



This preview shows how the Hex color 2B9603 looks on a white background.

## Color Contrast Check

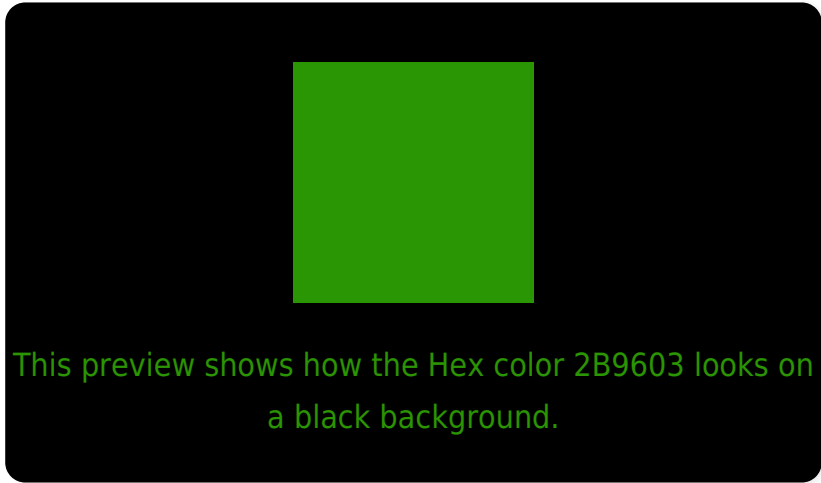
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B9603 Background



This preview shows how black text looks on a background with the Hex color 2B9603.



This preview shows how white text looks on a background with the Hex color 2B9603.

# 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**  
2B9603

**Protanopia**  
928200

**Deuteranopia**  
A37B20



**Tritanopia**  
4A8B97

# Trichromacy



**Original Color**  
2B9603



**Protanomaly**  
6D8901



**Deuteranomaly**  
778515



**Tritanomaly**  
3F8F61

# Monochromacy



**Original Color**  
2B9603



**Achromatopsia**  
656565



**Achromatomaly**  
507741

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B9603 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 #2B9603 looks like.

```
.text, #text, p{  
    color:#2B9603  
}
```

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 #2B9603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B9603
}
```

## Border

The CSS property to change the border of an element to Hex 2B9603 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
#2B9603 }
```

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

```
.border{ border-color:#2B9603 }
```

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

Here you see how a box with a 4 pixel #2B9603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B9603; -webkit-box-shadow:4px 4px  
4px 4px #2B9603; box-shadow:4px 4px 4px  
4px #2B9603 }
```

# Background

The CSS property to change the background color of an element to Hex 2B9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B9603 }
```

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

```
.background{ background-color:#2B9603 }
```

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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