

Converting Colors

Hex(609309)

Have a look what the booklet for
Hex(609309) contains.

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Color

Hex(609309)

Conversions

Conversions Part 1

Format	Color
Hex	609309
RGB	96, 147, 9
RGB Percent	38%, 58%, 4%
CMY	0.6235, 0.4235, 0.9647
CMYK	0.35, 0.00, 0.94, 0.42
HSL	82°, 88%, 31%
HSV	82°, 94%, 58%
XYZ	15.3069, 23.3740, 3.9633
YIQ	116.0190, 13.9020, -53.7300

Conversions

Conversions Part 2

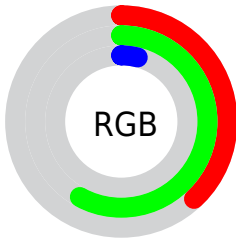
Format	Color
RYB	9, 147, 60
Decimal	6329097
CIELab	55.46, -35.97, 56.92
CIELCh	55, 67.328, 122.289
Yxy	23.3740, 0.3589, 0.5481
Android (android.graphics.Color)	4284519177 (0xFF609309)
YUV	116.0190, -52.7604, -17.5567
Hunter-Lab	48.3466, -28.0922, 28.9822

Details

The Hex color **609309** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3C0993**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **97C949**, and **296000** is the 20% darker color. If you saturate the color by 10%, you get **5D9300**, and if you desaturate by 10%, it is **659318**.

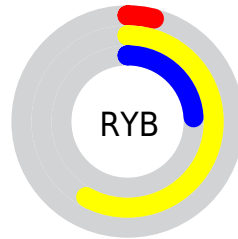
Distribution



Red (38%)

Green (58%)

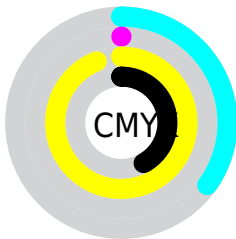
Blue (4%)



Red (4%)

Yellow (58%)

Blue (24%)

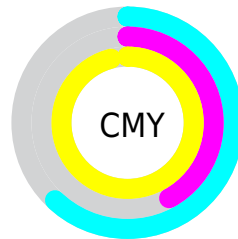


Cyan (35%)

Magenta (0%)

Yellow (94%)

Black (42%)



Cyan (62%)

Magenta (42%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 609309 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 609309 by changing the saturation by 10% instead.

609309

609309

FFFFFF

457900

97C949

296000

B3E664

054800

D0FF7F

003100

EDFF9A

001C00

FFFFB6

000000

FFFFD3

FFFFFF0

609309

609309

■ 5D9300

■ 659318

■ 6B9326

■ 709335

■ 769344

■ 7B9353

■ 819361

■ 869370

■ 8B937F

■ 91938D

Harmonies

Analogous

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



9B8400



609309



009B4B

Triad

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



609309



0099EC



EA4583

Complementary

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



609309



3C0993

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.



CE56BC



609309



008BFA

Square

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



609309



009FC2



8873E8



E6524A

Rectangle

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



609309



009E73



8873E8



E54797

Sweetspot

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



609309



ABBF8A



933C09



556140



E0E0E0



616161

Same Dimension

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



609309



79BF00



1B9309



474A43



578A00



060A00

Inverse Universe

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



3C0993



4700BF



810993



45434A



33008A



04000A

Previews

White Background



This preview shows how the Hex color 609309 looks on a white background.

Color Contrast Check

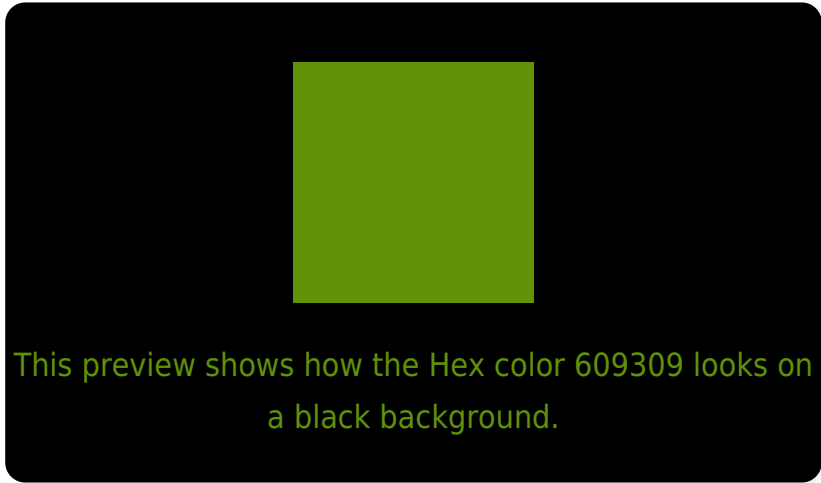
Large Text (above 18pt) WCAG AA ✓ Pass

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 609309 Background



This preview shows how black text looks on a background with the Hex color 609309.



This preview shows how white text looks on a background with the Hex color 609309.

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
609309

Protanopia
958500

Deuteranopia
A77E1D



Tritanopia
6F8994

Trichromacy



Original Color
609309

Protanomaly
828A03

Deuteranomaly
8D8616

Tritanomaly
6A8D61

Monochromacy



Original Color
609309

Achromatopsia
747474

Achromatomaly
6D7F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 609309 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 #609309 looks like.

```
.text, #text, p{  
    color:#609309  
}
```

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 #609309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #609309
}
```

Border

The CSS property to change the border of an element to Hex 609309 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
#609309 }
```

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

```
.border{ border-color:#609309 }
```

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

Here you see how a box with a 4 pixel #609309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #609309; -webkit-box-shadow:4px 4px  
4px 4px #609309; box-shadow:4px 4px 4px  
4px #609309 }
```

Background

The CSS property to change the background color of an element to Hex 609309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#609309 }
```

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

```
.background{ background-color:#609309 }
```

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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