

Converting Colors

Hex(236309)

Have a look what the booklet for
Hex(236309) contains.

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Color

Hex(236309)

Conversions

Conversions Part 1

Format	Color
Hex	236309
RGB	35, 99, 9
RGB Percent	14%, 39%, 4%
CMY	0.8627, 0.6118, 0.9647
CMYK	0.65, 0.00, 0.91, 0.61
HSL	103°, 83%, 21%
HSV	103°, 91%, 39%
XYZ	5.2043, 9.3007, 1.7794
YIQ	69.6040, -9.2540, -41.5580

Conversions

Conversions Part 2

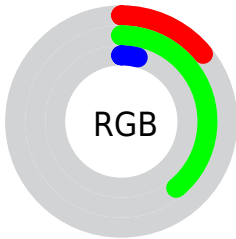
Format	Color
R_YB	9, 99, 73
Decimal	2319113
CIE Lab	36.56, -36.67, 39.86
CIE LCh	37, 54.166, 132.615
Yxy	9.3007, 0.3196, 0.5711
Android (android.graphics.Color)	4280509193 (0xFF236309)
YUV	69.6040, -29.8778, -30.3477
Hunter-Lab	30.4971, -22.9092, 17.8887

Details

The Hex color **236309** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **490963**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **59973E**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **1D6300**, and if you desaturate by 10%, it is **2A6313**.

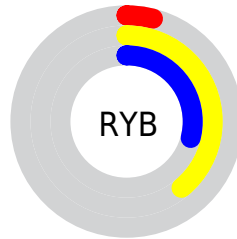
Distribution



Red (14%)

Green (39%)

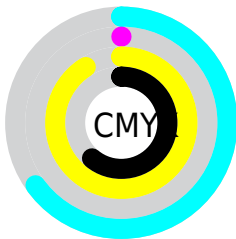
Blue (4%)



Red (4%)

Yellow (39%)

Blue (29%)

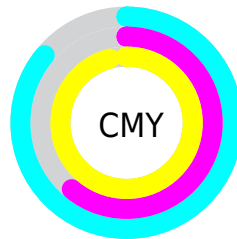


Cyan (65%)

Magenta (0%)

Yellow (91%)

Black (61%)



Cyan (86%)

Magenta (61%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 236309 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 236309 by changing the saturation by 10% instead.

 236309

 236309

 FFFFFA

 004B00

 59973E

 003300

 74B257

 001F00

 8FCD70

 000000

 ABEA8B

 C7FFA6

 E4FFC1

 FFFFDD

 236309

 236309

■ 1D6300

■ 2A6313

■ 31631D

■ 386327

■ 3F6331

■ 46633B

■ 4D6344

■ 54634E

■ 5B6358

■ 626362

Harmonies

Analogous

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



585A00



236309



00683A

Triad

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



236309



0062AA



A22346

Complementary

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



236309



490963

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.



962A71



236309



0055AC

Square

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



236309



006890



6E4197



98351C

Rectangle

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



236309



006959



6E4197



A12154

Sweetspot

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



236309



67805D



634809



31402B



BFBFBF



404040

Same Dimension

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



236309



258000



09631B



2D302C



207000



45F000

Inverse Universe

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



490963



5B0080



630951



2F2C30



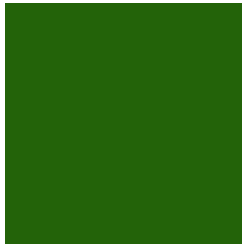
500070



AA00F0

Previews

White Background



This preview shows how the Hex color 236309 looks on a white background.

Color Contrast Check

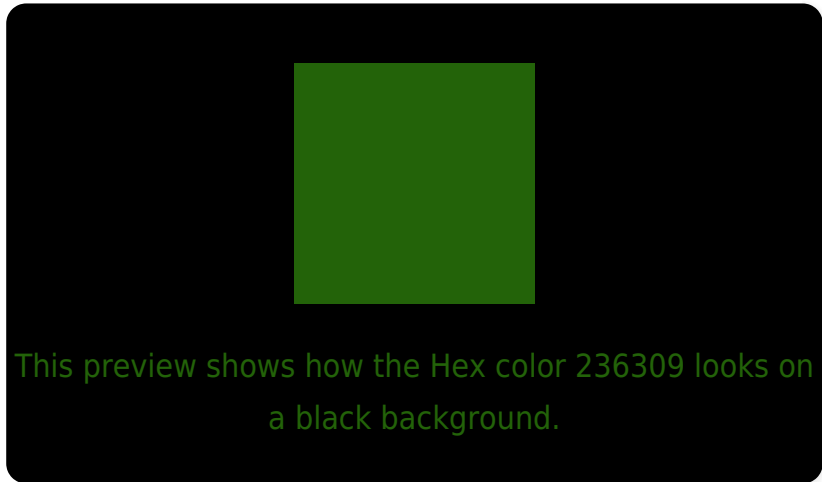
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

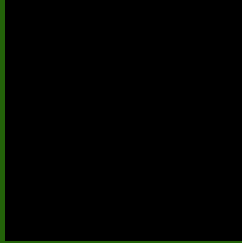
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 236309 Background



This preview shows how black text looks on a background with the Hex color 236309.



This preview shows how white text looks on a background with the Hex color 236309.

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
236309

Protanopia
615600

Deuteranopia
6C5116



Tritanopia
355C63

Trichromacy



Original Color
236309

Protanomaly
4A5B03

Deuteranomaly
515811

Tritanomaly
2E5F42

Monochromacy



Original Color
236309

Achromatopsia
464646

Achromatomaly
395130

CSS Examples

Text

The CSS property to change the color of the text to Hex 236309 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 #236309 looks like.

```
.text, #text, p{  
    color:#236309  
}
```

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 #236309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #236309
}
```

Border

The CSS property to change the border of an element to Hex 236309 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
#236309 }
```

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

```
.border{ border-color:#236309 }
```

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

Here you see how a box with a 4 pixel #236309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #236309; -webkit-box-shadow:4px 4px  
4px 4px #236309; box-shadow:4px 4px 4px  
4px #236309 }
```

Background

The CSS property to change the background color of an element to Hex 236309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#236309 }
```

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

```
.background{ background-color:#236309 }
```

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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