

Converting Colors

Hex(3D9E09)

Have a look what the booklet for
Hex(3D9E09) contains.

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Color

Hex(3D9E09)

Conversions

Conversions Part 1

Format	Color
Hex	3D9E09
RGB	61, 158, 9
RGB Percent	24%, 62%, 4%
CMY	0.7608, 0.3804, 0.9647
CMYK	0.61, 0.00, 0.94, 0.38
HSL	99°, 89%, 33%
HSV	99°, 94%, 62%
XYZ	14.2006, 25.4655, 4.4253
YIQ	112.0110, -9.9830, -66.9030

Conversions

Conversions Part 2

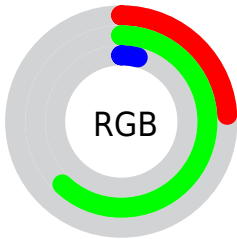
Format	Color
R_{YB}	9, 158, 106
Decimal	4038153
CIE _{Lab}	57.53, -51.61, 58.01
CIE _{LCh}	58, 77.642, 131.661
Yxy	25.4655, 0.3221, 0.5776
Android (android.graphics.Color)	4282228233 (0xFF3D9E09)
YUV	112.0110, -50.7844, -44.7366
Hunter-Lab	50.4634, -38.0802, 30.1250

Details

The Hex color **3D9E09** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6A099E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **79D64B**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **379E00**, and if you desaturate by 10%, it is **479E19**.

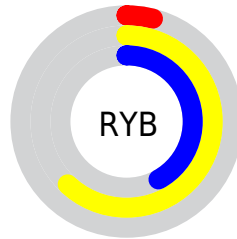
Distribution



Red (24%)

Green (62%)

Blue (4%)



Red (4%)

Yellow (62%)

Blue (42%)

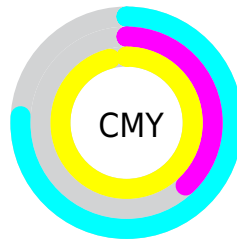


Cyan (61%)

Magenta (0%)

Yellow (94%)

Black (38%)



Cyan (76%)

Magenta (38%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D9E09 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 3D9E09 by changing the saturation by 10% instead.



3D9E09



3D9E09

FFFFFF



178300



79D64B



006900



96F266



005000



B3FF81



003800



D0FF9D



002200



EEFFB9



000000



FFFFD6



FFFFF3



3D9E09



3D9E09

■ 379E00

■ 479E19

■ 529E29

■ 5C9E38

■ 669E48

■ 709E58

■ 7B9E68

■ 859E78

■ 8F9E87

■ 9A9E97

Harmonies

Analogous

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



8F9000



3D9E09



00A55D

Triad

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



3D9E09



009DFF



FF3773

Complementary

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



3D9E09



6A099E

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.



EC44B6



3D9E09



008AFF

Square

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



3D9E09



00A6E3



AC6AF1



F15532

Rectangle

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



3D9E09



00A78C



AC6AF1



FE3589

Sweetspot

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



3D9E09



A9CF95



9E6A09



516945



E8E8E8



696969

Same Dimension

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



3D9E09



48CF00



099E1F



4A4F47



328F00



050F00

Inverse Universe

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



6A099E



8600CF



9E0988



4C474F



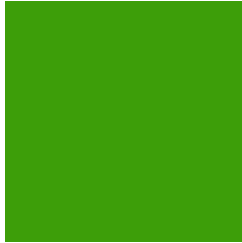
5D008F



0A000F

Previews

White Background



This preview shows how the Hex color 3D9E09 looks on a white background.

Color Contrast Check

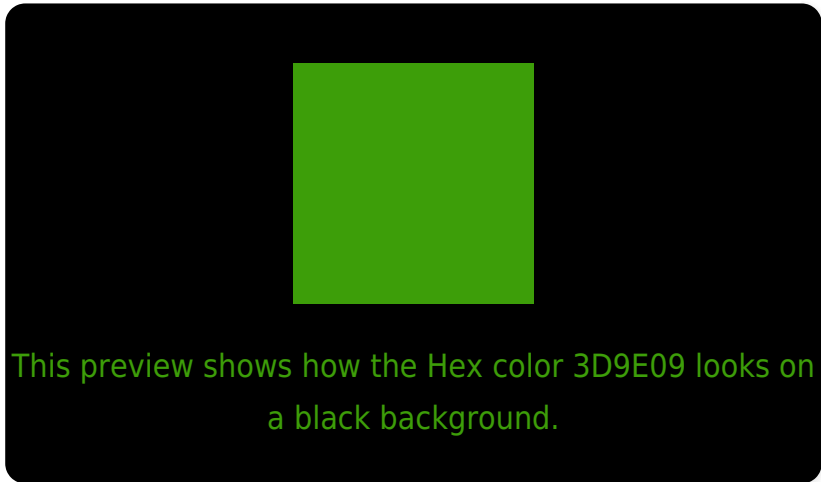
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D9E09 Background



This preview shows how black text looks on a background with the Hex color 3D9E09.



This preview shows how white text looks on a background with the Hex color 3D9E09.

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
3D9E09

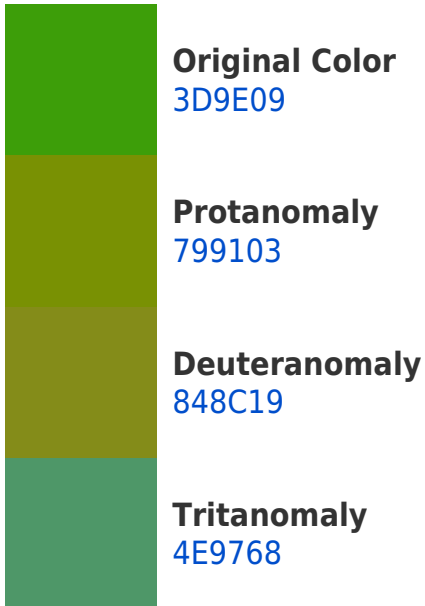
Protanopia
9B8A00

Deuteranopia
AD8222

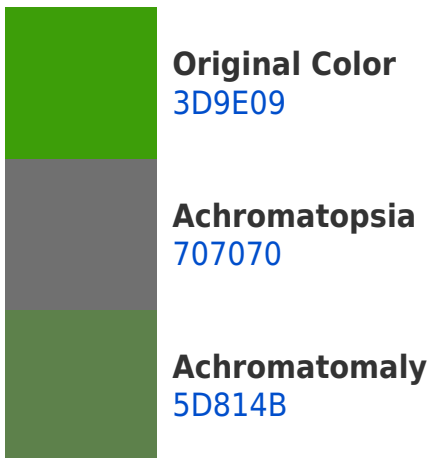


Tritanopia
57939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D9E09 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 #3D9E09 looks like.

```
.text, #text, p{  
    color:#3D9E09  
}
```

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 #3D9E09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9E09
}
```

Border

The CSS property to change the border of an element to Hex 3D9E09 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
#3D9E09 }
```

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

```
.border{ border-color:#3D9E09 }
```

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

Here you see how a box with a 4 pixel #3D9E09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9E09; -webkit-box-shadow:4px 4px  
4px 4px #3D9E09; box-shadow:4px 4px 4px  
4px #3D9E09 }
```

Background

The CSS property to change the background color of an element to Hex 3D9E09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9E09 }
```

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

```
.background{ background-color:#3D9E09 }
```

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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