

Converting Colors

Hex(3B9405)

Have a look what the booklet for
Hex(3B9405) contains.

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Color

Hex(3B9405)

Conversions

Conversions Part 1

Format	Color
Hex	3B9405
RGB	59, 148, 5
RGB Percent	23%, 58%, 2%
CMY	0.7686, 0.4196, 0.9804
CMYK	0.60, 0.00, 0.97, 0.42
HSL	97°, 93%, 30%
HSV	97°, 97%, 58%
XYZ	12.4209, 22.1206, 3.7586
YIQ	105.0870, -7.1410, -63.3410

Conversions

Conversions Part 2

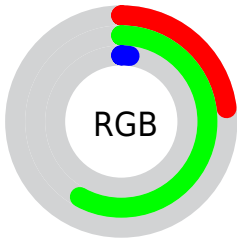
Format	Color
R_{YB}	5, 148, 94
Decimal	3904517
CIE _{Lab}	54.15, -48.66, 55.84
CIE _{LCh}	54, 74.063, 131.071
Yxy	22.1206, 0.3243, 0.5776
Android (android.graphics.Color)	4282094597 (0xFF3B9405)
YUV	105.0870, -49.3429, -40.4183
Hunter-Lab	47.0325, -35.1664, 28.1846

Details

The Hex color **3B9405** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5E0594**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **75CB47**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **389400**, and if you desaturate by 10%, it is **449414**.

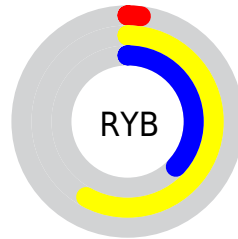
Distribution



Red (23%)

Green (58%)

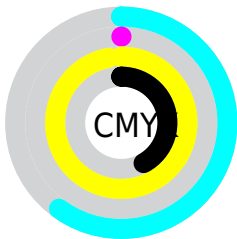
Blue (2%)



Red (2%)

Yellow (58%)

Blue (37%)

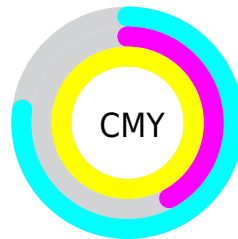


Cyan (60%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (77%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9405 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 3B9405 by changing the saturation by 10% instead.

 3B9405

 3B9405

FFFFFF

 177A00

 75CB47

 006000

 92E762

 004700

 AFFF7D

 003000

 CCFF98

 001700

 E9FFB4

 000000

 FFFFD1

 FFFFEE

 3B9405

 3B9405

■ 389400

■ 449414

■ 4D9423

■ 579431

■ 609440

■ 69944F

■ 72945E

■ 7B946D

■ 85947B

■ 8E948A

Harmonies

Analogous

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



878600



3B9405



009B55

Triad

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



3B9405



0094FB



F1336D

Complementary

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



3B9405



5E0594

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.



DD40AC



3B9405



0082FF

Square

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



3B9405



009CD5



A064E3



E34F2F

Rectangle

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



3B9405



009D82



A064E3



EE3282

Sweetspot

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



3B9405



9DBF88



945D05



4C613F



E0E0E0



616161

Same Dimension

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



3B9405



48BF00



059416



454A43



348A00



040A00

Inverse Universe

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



5E0594



7700BF



940583



47434A



56008A



06000A

Previews

White Background



This preview shows how the Hex color 3B9405 looks on a white background.

Color Contrast Check

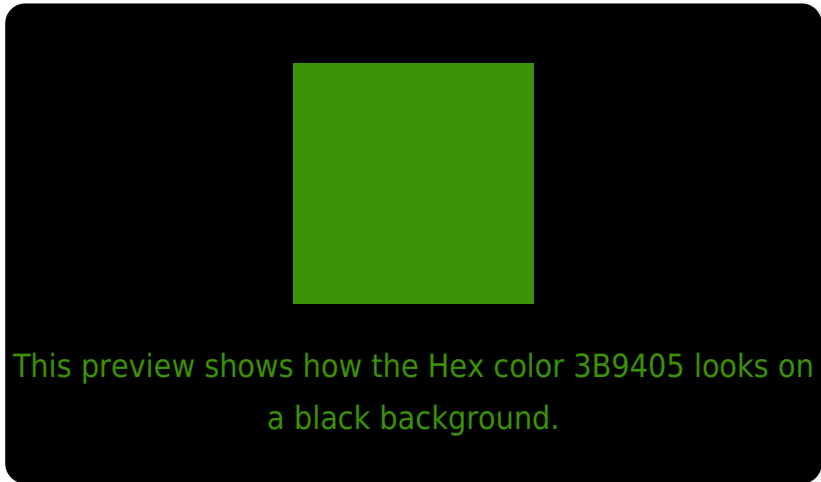
Large Text (above 18pt) WCAG AA ✓ Pass

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

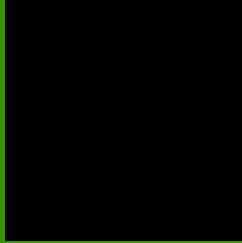
Any Text WCAG AA ✓ Pass

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 3B9405 Background



This preview shows how black text looks on a background with the Hex color 3B9405.



This preview shows how white text looks on a background with the Hex color 3B9405.

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
3B9405

Protanopia
918100

Deuteranopia
A27A1F



Tritanopia
538A95

Trichromacy



Original Color
3B9405



Protanomaly
728802



Deuteranomaly
7D8316



Tritanomaly
4A8E61

Monochromacy



Original Color
3B9405



Achromatopsia
696969



Achromatomaly
587945

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9405 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 #3B9405 looks like.

```
.text, #text, p{  
    color:#3B9405  
}
```

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 #3B9405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9405
}
```

Border

The CSS property to change the border of an element to Hex 3B9405 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
#3B9405 }
```

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

```
.border{ border-color:#3B9405 }
```

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

Here you see how a box with a 4 pixel #3B9405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9405; -webkit-box-shadow:4px 4px  
4px 4px #3B9405; box-shadow:4px 4px 4px  
4px #3B9405 }
```

Background

The CSS property to change the background color of an element to Hex 3B9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9405 }
```

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

```
.background{ background-color:#3B9405 }
```

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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