

# Converting Colors

Hex(3A920E)

Have a look what the booklet for  
Hex(3A920E) contains.

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**Color**

**Hex(3A920E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A920E
RGB	58, 146, 14
RGB Percent	23%, 57%, 5%
CMY	0.7725, 0.4275, 0.9451
CMYK	0.60, 0.00, 0.90, 0.43
HSL	100°, 82%, 31%
HSV	100°, 90%, 57%
XYZ	12.1031, 21.4890, 3.9254
YIQ	104.6400, -10.0760, -59.7080

# Conversions

## Conversions Part 2

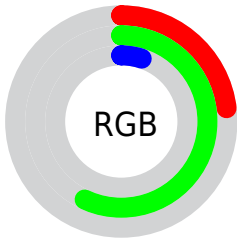
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">14, 146, 102</a>
Decimal	<a href="#">3838478</a>
CIELab	<a href="#">53.48, -47.94, 53.72</a>
CIELCh	<a href="#">53, 72.001, 131.741</a>
Yxy	<a href="#">21.4890, 0.3226, 0.5728</a>
Android (android.graphics.Color)	<a href="#">4282028558 (0xFF3A920E)</a>
YUV	<a href="#">104.6400, -44.6855, -40.9033</a>
Hunter-Lab	<a href="#">46.3562, -34.5192, 27.4288</a>

# Details

The Hex color **3A920E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **660E92**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **74C94A**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **319200**, and if you desaturate by 10%, it is **44921D**.

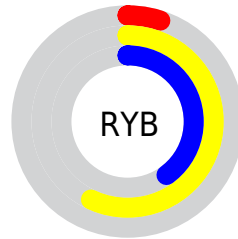
# Distribution



Red (23%)

Green (57%)

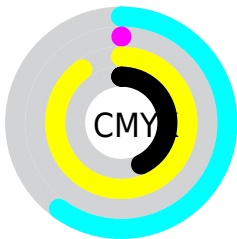
Blue (5%)



Red (5%)

Yellow (57%)

Blue (40%)

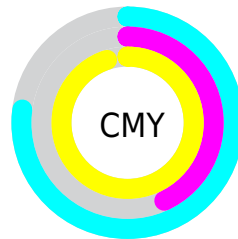


Cyan (60%)

Magenta (0%)

Yellow (90%)

Black (43%)



Cyan (77%)

Magenta (43%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A920E 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 3A920E by changing the saturation by 10% instead.





3A920E



3A920E

FFFFFF



167800



74C94A



005E00



90E565



004600



ADFF80



002F00



CAFF9B



001400



E8FFB7



000000



FFFFD3



FFFFF0



3A920E



3A920E

■ 319200

■ 44921D

■ 4D922B

■ 57923A

■ 619248

■ 6B9257

■ 749266

■ 7E9274

■ 889283

■ 929291

# Harmonies

## Analogous

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



848500



3A920E



009956

# Triad

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



3A920E



0091F6



EC366A

# Complementary

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



3A920E



660E92

# 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.



DA41A8



3A920E



007FFB

# Square

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



3A920E



0099D2



9F63DD



DE502F

# Rectangle

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



3A920E



009B82



9F63DD



EA347F



# Sweetspot

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



3A920E



9BBD8A



92660E



4A5E40



DEDEDE



5E5E5E



# Same Dimension

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



3A920E



3FBD00



0E9224



454A43



2E8A00



030A00



# Inverse Universe

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



660E92



7E00BD



920E7C



47434A



5C008A



07000A



# Previews

## White Background



This preview shows how the Hex color 3A920E looks on a white background.

## Color Contrast Check

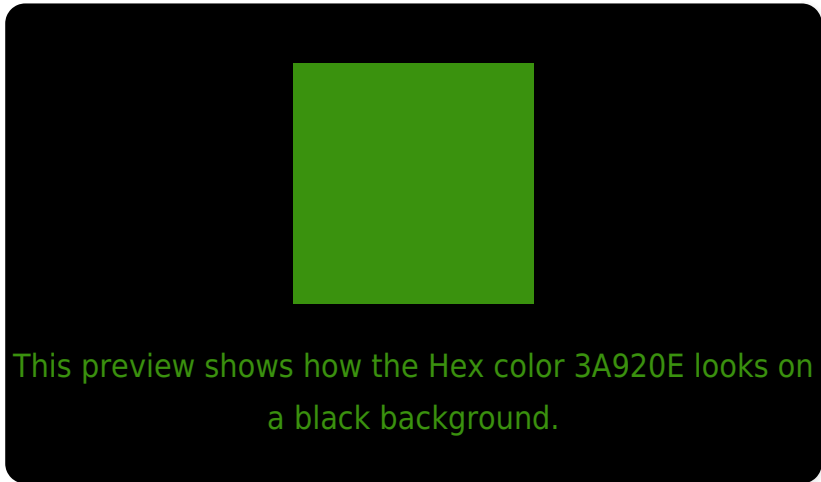
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A920E Background



This preview shows how black text looks on a background with the Hex color 3A920E.



This preview shows how white text looks on a background with the Hex color 3A920E.

# 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





**Tritanopia**  
528893

# Trichromacy



**Original Color**  
3A920E

**Protanomaly**  
708605

**Deuteranomaly**  
7B821A

**Tritanomaly**  
498C63

# Monochromacy



**Original Color**  
3A920E

**Achromatopsia**  
696969

**Achromatomaly**  
587848

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A920E 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 #3A920E looks like.

```
.text, #text, p{  
    color:#3A920E  
}
```

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 #3A920E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A920E
}
```

## Border

The CSS property to change the border of an element to Hex 3A920E 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
#3A920E }
```

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

```
.border{ border-color:#3A920E }
```

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

Here you see how a box with a 4 pixel #3A920E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A920E; -webkit-box-shadow:4px 4px  
4px 4px #3A920E; box-shadow:4px 4px 4px  
4px #3A920E }
```

# Background

The CSS property to change the background color of an element to Hex 3A920E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A920E }
```

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

```
.background{ background-color:#3A920E }
```

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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