

Converting Colors

Hex(3A620A)

Have a look what the booklet for
Hex(3A620A) contains.

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Color

Hex(3A620A)

Conversions

Conversions Part 1

Format	Color
Hex	3A620A
RGB	58, 98, 10
RGB Percent	23%, 38%, 4%
CMY	0.7725, 0.6157, 0.9608
CMYK	0.41, 0.00, 0.90, 0.62
HSL	87°, 81%, 21%
HSV	87°, 90%, 38%
XYZ	6.1674, 9.6568, 1.8261
YIQ	76.0080, 4.4080, -35.8480

Conversions

Conversions Part 2

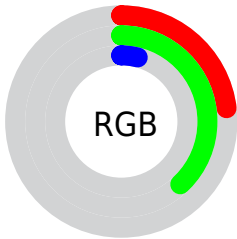
Format	Color
RYB	10, 98, 50
Decimal	3826186
CIELab	37.22, -28.47, 40.56
CIELCh	37, 49.560, 125.066
Yxy	9.6568, 0.3494, 0.5471
Android (android.graphics.Color)	4282016266 (0xFF3A620A)
YUV	76.0080, -32.5419, -15.7930
Hunter-Lab	31.0754, -18.9559, 18.2688

Details

The Hex color **3A620A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **320A62**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6D953F**, and **043300** is the 20% darker color. If you saturate the color by 10%, you get **366200**, and if you desaturate by 10%, it is **3E6214**.

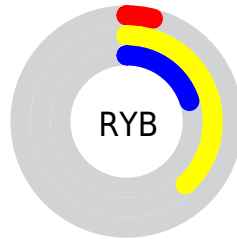
Distribution



Red (23%)

Green (38%)

Blue (4%)



Red (4%)

Yellow (38%)

Blue (20%)

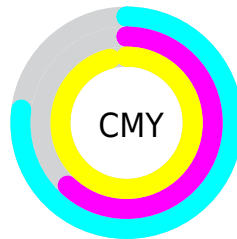


Cyan (41%)

Magenta (0%)

Yellow (90%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A620A 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 3A620A by changing the saturation by 10% instead.



3A620A



3A620A



FFFFFFB



214A00



6D953F



043300



88B058



002000



A3CB71



000000



BFE88B



DBFFA6



F8FFC2



FFFFDE



3A620A



3A620A

■ 366200

■ 3E6214

■ 356200

■ 43621E

■ 476227

■ 4C6231

■ 50623B

■ 556245

■ 59624F

■ 5E6258

■ 626262

Harmonies

Analogous

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



645800



3A620A



006734

Triad

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



3A620A



0065A0



9E2C53

Complementary

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



3A620A



320A62

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.



8C367A



3A620A



005AA8

Square

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



3A620A



006985



604A9A



99372C

Rectangle

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



3A620A



00694F



604A9A



9A2D60

Sweetspot

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



3A620A



70805D



62320A



36402B



BFBFBF



404040

Same Dimension

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



3A620A



468000



0E620A



2E302C



3D7000



83F000

Inverse Universe

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



320A62



3A0080



5E0A62



2E2C30



330070



6D00F0

Previews

White Background



This preview shows how the Hex color 3A620A looks on a white background.

Color Contrast Check

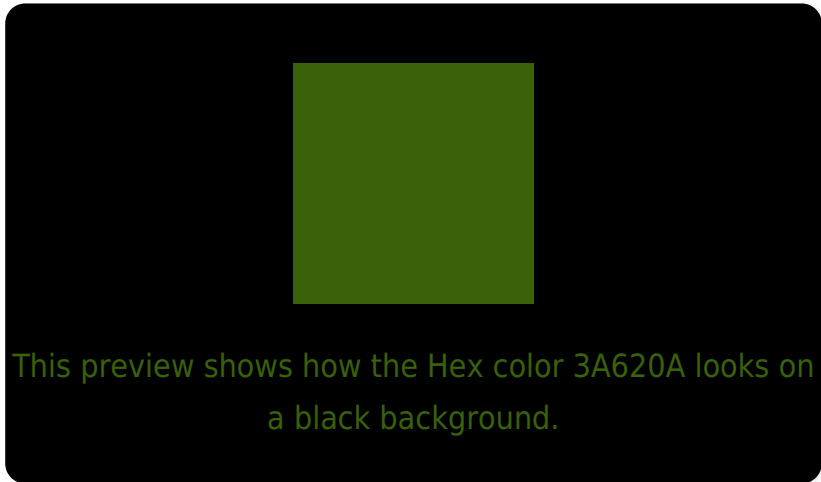
Large Text (above 18pt) WCAG AA ✓ Pass

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

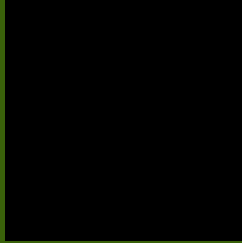
Any Text WCAG AA × Fail

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 3A620A Background



This preview shows how black text looks on a background with the Hex color 3A620A.



This preview shows how white text looks on a background with the Hex color 3A620A.

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
3A620A

Protanopia
635805

Deuteranopia
6E5315



Tritanopia
455B62

Trichromacy



Original Color
3A620A

Protanomaly
545C07

Deuteranomaly
5B5811

Tritanomaly
415E42

Monochromacy



Original Color
3A620A

Achromatopsia
4C4C4C

Achromatomaly
455434

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A620A 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 #3A620A looks like.

```
.text, #text, p{  
    color:#3A620A  
}
```

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 #3A620A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A620A
}
```

Border

The CSS property to change the border of an element to Hex 3A620A 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".

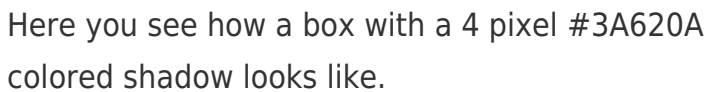
```
.border, #border, table{ border:4px solid
#3A620A }
```

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

```
.border{ border-color:#3A620A }
```

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

Here you see how a box with a 4 pixel #3A620A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A620A; -webkit-box-shadow:4px 4px  
4px 4px #3A620A; box-shadow:4px 4px 4px  
4px #3A620A }
```

Background

The CSS property to change the background color of an element to Hex 3A620A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A620A }
```

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

```
.background{ background-color:#3A620A }
```

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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