

Converting Colors

Hex(3A6321)

Have a look what the booklet for
Hex(3A6321) contains.

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Color

Hex(3A6321)

Conversions

Conversions Part 1

Format	Color
Hex	3A6321
RGB	58, 99, 33
RGB Percent	23%, 39%, 13%
CMY	0.7725, 0.6118, 0.8706
CMYK	0.41, 0.00, 0.67, 0.61
HSL	97°, 50%, 26%
HSV	97°, 67%, 39%
XYZ	6.4813, 9.9330, 3.0145
YIQ	79.2170, -3.2500, -29.2180

Conversions

Conversions Part 2

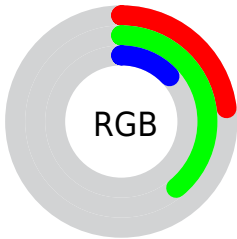
Format	Color
R _Y B	33, 99, 74
Decimal	3826465
CIE Lab	37.72, -27.29, 32.12
CIE LCh	38, 42.146, 130.349
Yxy	9.9330, 0.3336, 0.5113
Android (android.graphics.Color)	4282016545 (0xFF3A6321)
YUV	79.2170, -22.7850, -18.6073
Hunter-Lab	31.5167, -18.4465, 16.3907

Details

The Hex color **3A6321** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A2163**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6C9651**, and **093400** is the 20% darker color. If you saturate the color by 10%, you get **346317**, and if you desaturate by 10%, it is **40632B**.

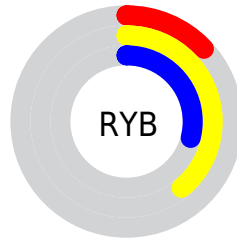
Distribution



Red (23%)

Green (39%)

Blue (13%)



Red (13%)

Yellow (39%)

Blue (29%)

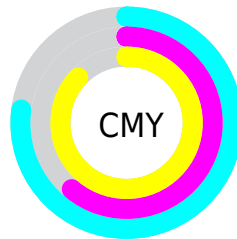


Cyan (41%)

Magenta (0%)

Yellow (67%)

Black (61%)



Cyan (77%)

Magenta (61%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6321 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 3A6321 by changing the saturation by 10% instead.



3A6321



3A6321

FFFFFF



214B08



6C9651



093400



87B169



002000



A2CD83



000000



BDE99E



D9FFB9



F6FFD5



FFFFFF1



3A6321



3A6321

■ 346317

■ 40632B

■ 2E630D

■ 466335

■ 286303

■ 4C633F

■ 266300

■ 536349

■ 596353

■ 5F635C

■ 656366

■ 6B6370

■ 71637A

Harmonies

Analogous

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



5F5B0C



3A6321



006741

Triad

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



3A6321



006399



96384E

Complementary

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



3A6321



4A2163

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.



8B3D70



3A6321



27599C

Square

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



3A6321



006884



6A4B8D



90412E

Rectangle

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



3A6321



006958



6A4B8D



95385A

Sweetspot

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



3A6321



708066



634A21



364030



BFBFBF



404040

Same Dimension

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



3A6321



408019



216329



2D302C



2B7000



5BF000

Inverse Universe

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



4A2163



591980



63215B



2F2C30



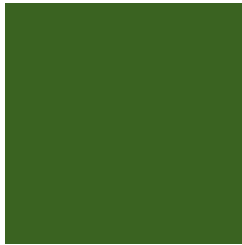
460070



9500F0

Previews

White Background



This preview shows how the Hex color 3A6321 looks on a white background.

Color Contrast Check

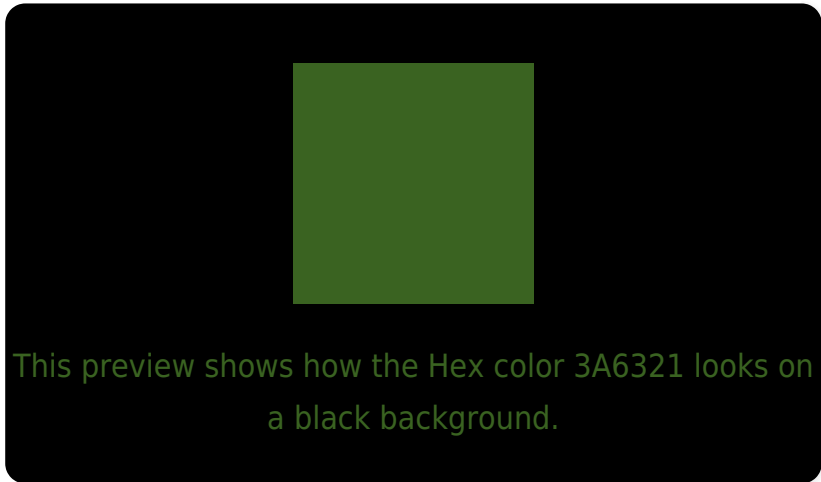
Large Text (above 18pt) WCAG AA ✓ Pass

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

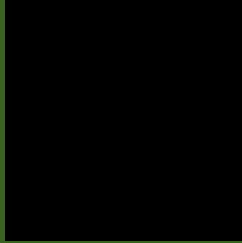
Any Text WCAG AA × Fail

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 3A6321 Background



This preview shows how black text looks on a background with the Hex color 3A6321.



This preview shows how white text looks on a background with the Hex color 3A6321.

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
3A6321

Protanopia
63591E

Deuteranopia
6E5426



Tritanopia
455D64

Trichromacy



Original Color
3A6321

Protanomaly
545D1F

Deuteranomaly
5B5924

Tritanomaly
415F4C

Monochromacy



Original Color
3A6321

Achromatopsia
4F4F4F

Achromatomaly
47563E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6321 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 #3A6321 looks like.

```
.text, #text, p{  
    color:#3A6321  
}
```

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 #3A6321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6321
}
```

Border

The CSS property to change the border of an element to Hex 3A6321 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".

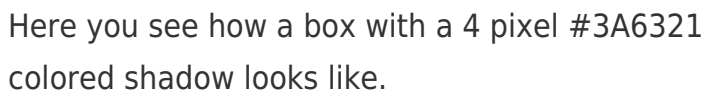
```
.border, #border, table{ border:4px solid
#3A6321 }
```

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

```
.border{ border-color:#3A6321 }
```

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

Here you see how a box with a 4 pixel #3A6321 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6321; -webkit-box-shadow:4px 4px  
4px 4px #3A6321; box-shadow:4px 4px 4px  
4px #3A6321 }
```

Background

The CSS property to change the background color of an element to Hex 3A6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6321 }
```

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

```
.background{ background-color:#3A6321 }
```

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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