

Converting Colors

Hex(3A6E11)

Have a look what the booklet for
Hex(3A6E11) contains.

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Color

Hex(3A6E11)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3A6E11 |
| RGB | 58, 110, 17 |
| RGB Percent | 23%, 43%, 7% |
| CMY | 0.7725, 0.5686, 0.9333 |
| CMYK | 0.47, 0.00, 0.85, 0.57 |
| HSL | 94°, 73%, 25% |
| HSV | 94°, 85%, 43% |
| XYZ | 7.4220, 12.0919, 2.4731 |
| YIQ | 83.8500, -1.1390, -39.9470 |

Conversions

Conversions Part 2

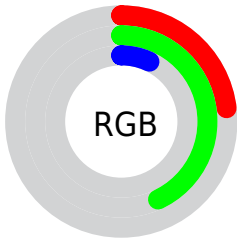
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 17, 110, 69 |
| Decimal | 3829265 |
| CIELab | 41.36, -33.54, 42.26 |
| CIELCh | 41, 53.949, 128.434 |
| Yxy | 12.0919, 0.3376, 0.5500 |
| Android (android.graphics.Color) | 4282019345 (0xFF3A6E11) |
| YUV | 83.8500, -32.9570, -22.6704 |
| Hunter-Lab | 34.7734, -22.7543, 20.1246 |

Details

The Hex color **3A6E11** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **45116E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6FA245**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **346E06**, and if you desaturate by 10%, it is **406E1C**.

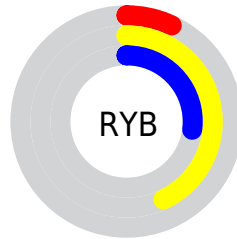
Distribution



Red (23%)

Green (43%)

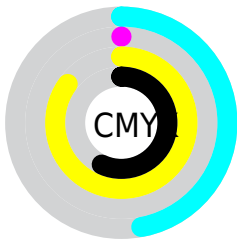
Blue (7%)



Red (7%)

Yellow (43%)

Blue (27%)

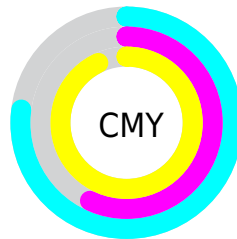


Cyan (47%)

Magenta (0%)

Yellow (85%)

Black (57%)



Cyan (77%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6E11 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 3A6E11 by changing the saturation by 10% instead.



3A6E11



3A6E11

FFFFFF



1F5500



6FA245



003D00



89BD5E



002800



A5D978



000900



C1F693



000000



DFFFAE



FBFFCA



FFFFE6



3A6E11



3A6E11

■ 346E06

■ 406E1C

■ 306E00

■ 466E27

■ 4C6E32

■ 536E3D

■ 596E48

■ 5F6E53

■ 656E5E

■ 6B6E69

■ 716E74

Harmonies

Analogous

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



6A6400



3A6E11



00743F

Triad

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



3A6E11



006FB4



B03157

Complementary

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



3A6E11



45116E

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.



9F3A83



3A6E11



0063BA

Square

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



3A6E11



007598



7250A8



A83F2D

Rectangle

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



3A6E11



00755E



7250A8



AD3166

Sweetspot

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



3A6E11



7B8F6B



6E4411



3B4732



C7C7C7



474747

Same Dimension

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



3A6E11



3F8F00



116E16



353832



357800



6DF700

Inverse Universe

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



45116E



50008F



6E1169



363238



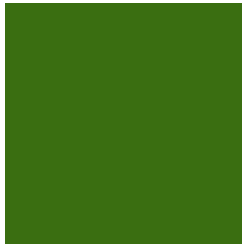
430078



8A00F7

Previews

White Background



This preview shows how the Hex color 3A6E11 looks on a white background.

Color Contrast Check

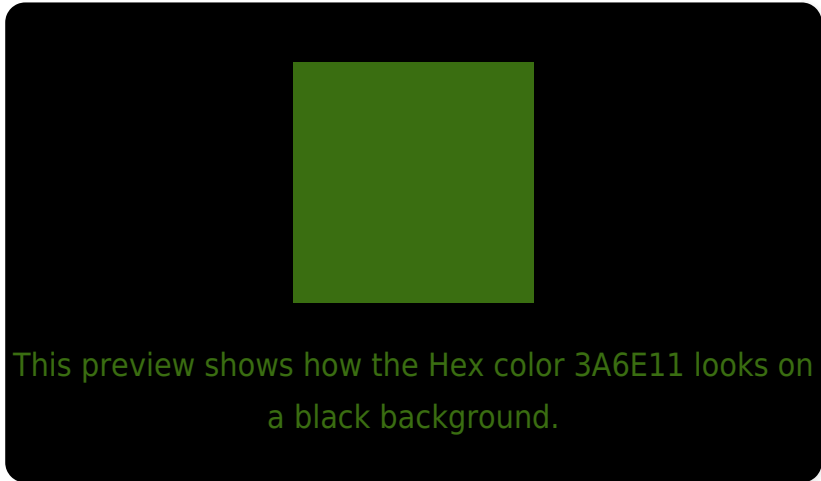
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A6E11 Background



This preview shows how black text looks on a background with the Hex color 3A6E11.



This preview shows how white text looks on a background with the Hex color 3A6E11.

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
3A6E11

Protanopia
6E610D

Deuteranopia
7A5C1B



Tritanopia
48666F

Trichromacy



Original Color
3A6E11

Protanomaly
5B660E

Deuteranomaly
636317

Tritanomaly
43694D

Monochromacy



Original Color
3A6E11

Achromatopsia
545454

Achromatomaly
4B5D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6E11 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 #3A6E11 looks like.

```
.text, #text, p{  
    color:#3A6E11  
}
```

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 #3A6E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6E11
}
```

Border

The CSS property to change the border of an element to Hex 3A6E11 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".

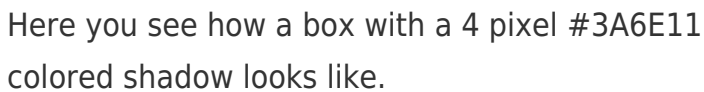
```
.border, #border, table{ border:4px solid
#3A6E11 }
```

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

```
.border{ border-color:#3A6E11 }
```

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

Here you see how a box with a 4 pixel #3A6E11 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6E11; -webkit-box-shadow:4px 4px  
4px 4px #3A6E11; box-shadow:4px 4px 4px  
4px #3A6E11 }
```

Background

The CSS property to change the background color of an element to Hex 3A6E11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6E11 }
```

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

```
.background{ background-color:#3A6E11 }
```

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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