

Converting Colors

Hex(3A5E01)

Have a look what the booklet for
Hex(3A5E01) contains.

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Color

Hex(3A5E01)

Conversions

Conversions Part 1

Format	Color
Hex	3A5E01
RGB	58, 94, 1
RGB Percent	23%, 37%, 0%
CMY	0.7725, 0.6314, 0.9961
CMYK	0.38, 0.00, 0.99, 0.63
HSL	83°, 98%, 19%
HSV	83°, 99%, 37%
XYZ	5.7531, 8.9071, 1.4447
YIQ	72.6340, 8.3970, -36.5550

Conversions

Conversions Part 2

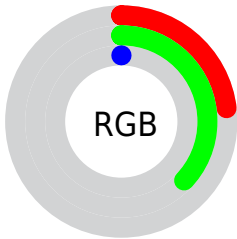
Format	Color
R_{YB}	1, 94, 37
Decimal	3825153
CIE Lab	35.80, -26.98, 41.97
CIE LCh	36, 49.894, 122.734
Yxy	8.9071, 0.3572, 0.5531
Android (android.graphics.Color)	4282015233 (0xFF3A5E01)
YUV	72.6340, -35.3156, -12.8340
Hunter-Lab	29.8448, -17.8195, 18.0212

Details

The Hex color **3A5E01** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **25015E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6D9138**, and **042F00** is the 20% darker color. If you saturate the color by 10%, you get **3A5E00**, and if you desaturate by 10%, it is **3E5E0A**.

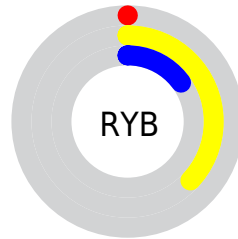
Distribution



Red (23%)

Green (37%)

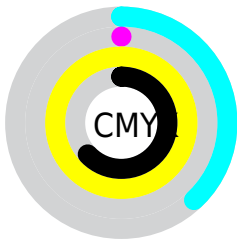
Blue (0%)



Red (0%)

Yellow (37%)

Blue (15%)

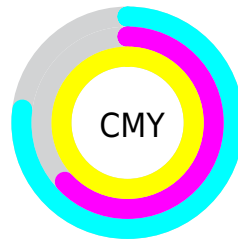


Cyan (38%)

Magenta (0%)

Yellow (99%)

Black (63%)



Cyan (77%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5E01 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 3A5E01 by changing the saturation by 10% instead.

 3A5E01

 3A5E01

 FFFFF4

 224600

 6D9138

 042F00

 88AB51

 001D00

 A3C76B

 000000

 BFE385

 DBFFA0

 F8FFBB

 FFFFD7

 3A5E01

 3A5E01

■ 3A5E00

■ 3E5E0A

■ 415E14

■ 455E1D

■ 495E27

■ 4C5E30

■ 505E39

■ 535E43

■ 575E4C

■ 5B5E56

Harmonies

Analogous

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



635400



3A5E01



00642D

Triad

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



3A5E01



00629B



992752

Complementary

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



3A5E01



25015E

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.



86347A



3A5E01



0058A5

Square

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



3A5E01



00667F



574898



96312B

Rectangle

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



3A5E01



006649



574898



962960

Sweetspot

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



3A5E01



6C7A56



5E2501



353D27



BDBDBD



3D3D3D

Same Dimension

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



3A5E01



4B7A00



0C5E01



2C2E29



436E00



91ED00

Inverse Universe

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



25015E



2F007A



53015E



2B292E



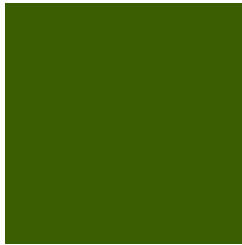
2A006E



5C00ED

Previews

White Background



This preview shows how the Hex color 3A5E01 looks on a white background.

Color Contrast Check

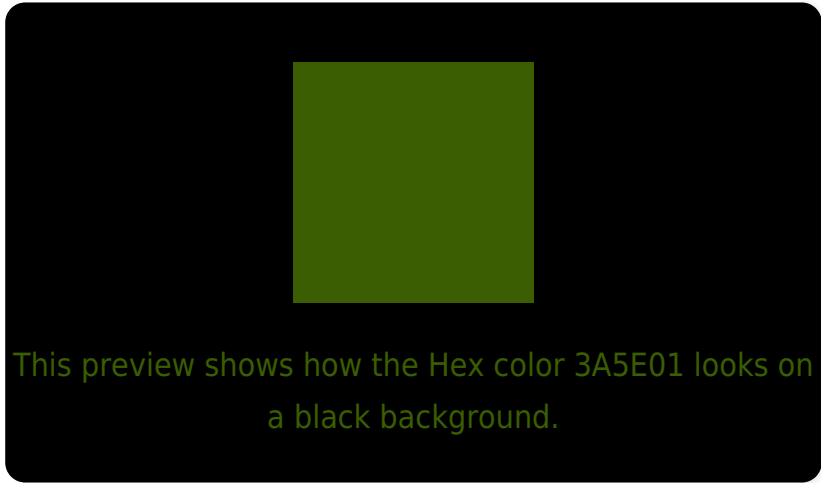
Large Text (above 18pt) WCAG AA ✓ Pass

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

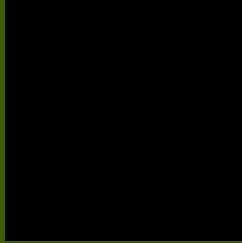
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

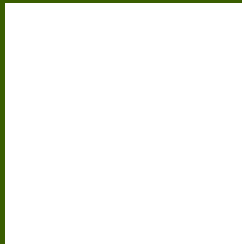
Any Text WCAG AAA × Fail

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

Hex 3A5E01 Background



This preview shows how black text looks on a background with the Hex color 3A5E01.



This preview shows how white text looks on a background with the Hex color 3A5E01.

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
3A5E01

Protanopia
5F5400

Deuteranopia
6A5012



Tritanopia
44575E

Trichromacy



Original Color
3A5E01

Protanomaly
525800

Deuteranomaly
59550C

Tritanomaly
405A3C

Monochromacy



Original Color
3A5E01

Achromatopsia
494949

Achromatomaly
44512F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5E01 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 #3A5E01 looks like.

```
.text, #text, p{  
    color:#3A5E01  
}
```

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 #3A5E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5E01
}
```

Border

The CSS property to change the border of an element to Hex 3A5E01 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
#3A5E01 }
```

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

```
.border{ border-color:#3A5E01 }
```

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

Here you see how a box with a 4 pixel #3A5E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5E01; -webkit-box-shadow:4px 4px  
4px 4px #3A5E01; box-shadow:4px 4px 4px  
4px #3A5E01 }
```

Background

The CSS property to change the background color of an element to Hex 3A5E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5E01 }
```

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

```
.background{ background-color:#3A5E01 }
```

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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