

Converting Colors

Hex(3A5500)

Have a look what the booklet for
Hex(3A5500) contains.

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Color

Hex(3A5500)

Conversions

Conversions Part 1

Format	Color
Hex	3A5500
RGB	58, 85, 0
RGB Percent	23%, 33%, 0%
CMY	0.7725, 0.6667, 1.0000
CMYK	0.32, 0.00, 1.00, 0.67
HSL	79°, 100%, 17%
HSV	79°, 100%, 33%
XYZ	4.9934, 7.3965, 1.1645
YIQ	67.2370, 11.1930, -32.1590

Conversions

Conversions Part 2

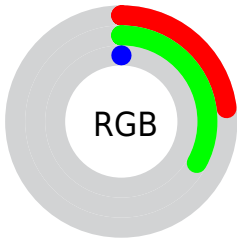
Format	Color
RYB	0, 85, 27
Decimal	3822848
CIELab	32.69, -22.62, 39.89
CIELCh	33, 45.856, 119.555
Yxy	7.3965, 0.3684, 0.5457
Android (android.graphics.Color)	4282012928 (0xFF3A5500)
YUV	67.2370, -33.1478, -8.1008
Hunter-Lab	27.1966, -14.8206, 16.4989

Details

The Hex color **3A5500** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1B0055**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6D8735**, and **072800** is the 20% darker color. If you saturate the color by 10%, you get **3A5500**, and if you desaturate by 10%, it is **3D5508**.

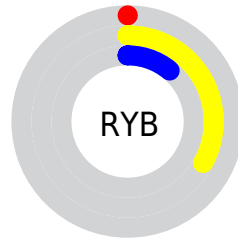
Distribution



Red (23%)

Green (33%)

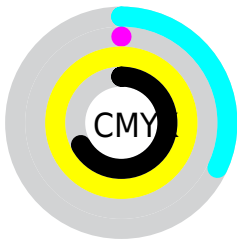
Blue (0%)



Red (0%)

Yellow (33%)

Blue (11%)

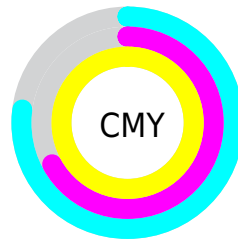


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (77%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5500 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 3A5500 by changing the saturation by 10% instead.

 3A5500

 3A5500

 FFFFF0

 233E00

 6D8735

 072800

 87A14E

 001100

 A2BC67

 000000

 BED881

 DAF49C

 F7FFB7

 FFFFD3

 3A5500

 3D5508

 3F5511

 425519

 455522

 47552A

 4A5533

 4D553B

 505544

 52554C

Harmonies

Analogous

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



5E4B00



3A5500



005B26

Triad

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



3A5500



005A8B



8B254F

Complementary

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



3A5500



1B0055

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.



773272



3A5500



005296

Square

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



3A5500



005D70



49438C



8A2C2C

Rectangle

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



3A5500



005C3F



49438C



87285B

Sweetspot

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



3A5500



636E4D



551B00



323824



B8B8B8



383838

Same Dimension

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



3A5500



4B6E00



105500



2A2B27



496B00



A0EB00

Inverse Universe

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



1B0055



23006E



450055



28272B



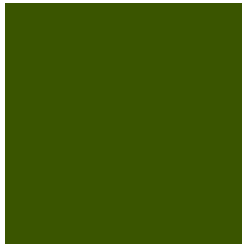
22006B



4B00EB

Previews

White Background



This preview shows how the Hex color 3A5500 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

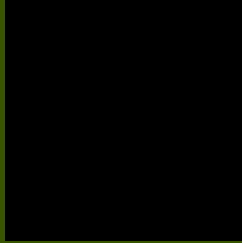
Any Text WCAG AA × Fail

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 3A5500 Background



This preview shows how black text looks on a background with the Hex color 3A5500.



This preview shows how white text looks on a background with the Hex color 3A5500.

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
3A5500

Protanopia
574D00

Deuteranopia
614910



Tritanopia
424F55

Trichromacy



Original Color
3A5500

Protanomaly
4C5000

Deuteranomaly
534D0A

Tritanomaly
3F5136

Monochromacy



Original Color
3A5500

Achromatopsia
434343

Achromatomaly
404A2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5500 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 #3A5500 looks like.

```
.text, #text, p{  
    color:#3A5500  
}
```

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 #3A5500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5500
}
```

Border

The CSS property to change the border of an element to Hex 3A5500 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".

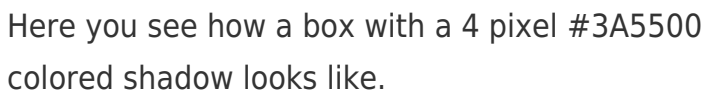
```
.border, #border, table{ border:4px solid
#3A5500 }
```

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

```
.border{ border-color:#3A5500 }
```

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

Here you see how a box with a 4 pixel #3A5500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5500; -webkit-box-shadow:4px 4px  
4px 4px #3A5500; box-shadow:4px 4px 4px  
4px #3A5500 }
```

Background

The CSS property to change the background color of an element to Hex 3A5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5500 }
```

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

```
.background{ background-color:#3A5500 }
```

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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