

Converting Colors

Hex(3A5602)

Have a look what the booklet for
Hex(3A5602) contains.

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Color

Hex(3A5602)

Conversions

Conversions Part 1

Format	Color
Hex	3A5602
RGB	58, 86, 2
RGB Percent	23%, 34%, 1%
CMY	0.7725, 0.6627, 0.9922
CMYK	0.33, 0.00, 0.98, 0.66
HSL	80°, 95%, 17%
HSV	80°, 98%, 34%
XYZ	5.0837, 7.5595, 1.2486
YIQ	68.0520, 10.2760, -32.0600

Conversions

Conversions Part 2

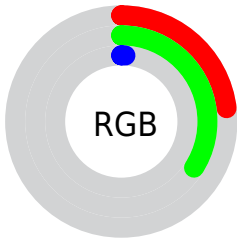
Format	Color
R_{YB}	2, 86, 30
Decimal	3823106
CIE _{Lab}	33.05, -23.03, 39.46
CIE _{LCh}	33, 45.692, 120.264
Yxy	7.5595, 0.3659, 0.5442
Android (android.graphics.Color)	4282013186 (0xFF3A5602)
YUV	68.0520, -32.5636, -8.8156
Hunter-Lab	27.4945, -15.1113, 16.5536

Details

The Hex color **3A5602** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1E0256**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6D8837**, and **072800** is the 20% darker color. If you saturate the color by 10%, you get **395600**, and if you desaturate by 10%, it is **3D560B**.

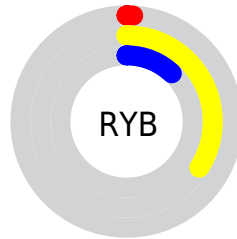
Distribution



Red (23%)

Green (34%)

Blue (1%)



Red (1%)

Yellow (34%)

Blue (12%)

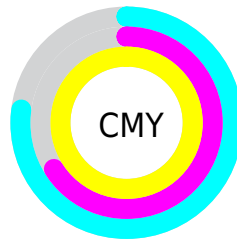


Cyan (33%)

Magenta (0%)

Yellow (98%)

Black (66%)



Cyan (77%)

Magenta (66%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5602 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 3A5602 by changing the saturation by 10% instead.

 3A5602

 3A5602

 FFFFF2

 233F00


 6D8837

 072800

 87A250

 001300

 A2BD69

 000000

 BED983

 DAF69E

 F7FFB9

 FFFFD5

 3A5602

 3A5602

■ 395600

■ 3D560B

■ 405613

■ 43561C

■ 455624

■ 48562D

■ 4B5636

■ 4E563E

■ 515647

■ 54564F

Harmonies

Analogous

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



5E4C00



3A5602



005C28

Triad

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



3A5602



005A8C



8C274F

Complementary

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



3A5602



1E0256

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.



793272



3A5602



005296

Square

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



3A5602



005E71



4C448D



8B2E2C

Rectangle

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



3A5602



005D40



4C448D



88295B

Sweetspot

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



3A5602



657050



561E02



323824



B8B8B8



383838

Same Dimension

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



3A5602



4B7000



105602



2A2B27



476B00



9CEB00

Inverse Universe

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



1E0256



250070



480256



28272B



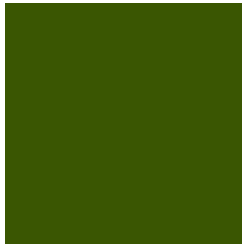
24006B



4E00EB

Previews

White Background



This preview shows how the Hex color 3A5602 looks on a white background.

Color Contrast Check

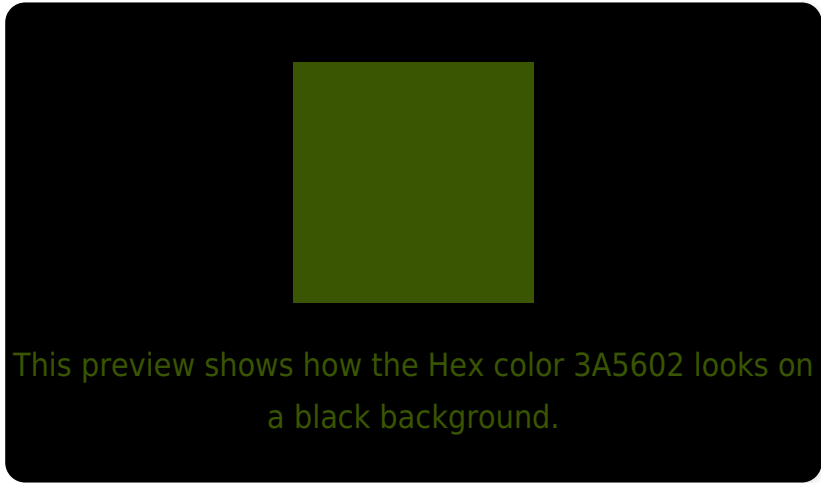
Large Text (above 18pt) WCAG AA ✓ Pass

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

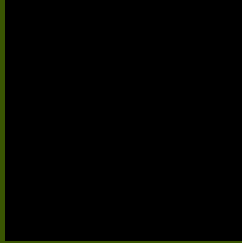
Any Text WCAG AA × Fail

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 3A5602 Background



This preview shows how black text looks on a background with the Hex color 3A5602.



This preview shows how white text looks on a background with the Hex color 3A5602.

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
3A5602

Protanopia
584E00

Deuteranopia
624A11



Tritanopia
435056

Trichromacy



Original Color
3A5602

Protanomaly
4D5101

Deuteranomaly
534E0C

Tritanomaly
405237

Monochromacy



Original Color
3A5602

Achromatopsia
444444

Achromatomaly
404B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5602 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 #3A5602 looks like.

```
.text, #text, p{  
    color:#3A5602  
}
```

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 #3A5602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5602
}
```

Border

The CSS property to change the border of an element to Hex 3A5602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

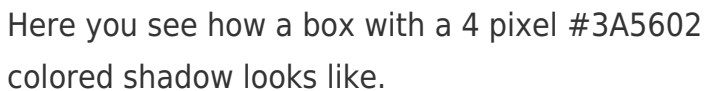
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A5602 }
```

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

```
.border{ border-color:#3A5602 }
```

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



Here you see how a box with a 4 pixel #3A5602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5602; -webkit-box-shadow:4px 4px  
4px 4px #3A5602; box-shadow:4px 4px 4px  
4px #3A5602 }
```

Background

The CSS property to change the background color of an element to Hex 3A5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5602 }
```

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

```
.background{ background-color:#3A5602 }
```

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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