

Converting Colors

Hex(3E5A00)

Have a look what the booklet for
Hex(3E5A00) contains.

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Color

Hex(3E5A00)

Conversions

Conversions Part 1

Format	Color
Hex	3E5A00
RGB	62, 90, 0
RGB Percent	24%, 35%, 0%
CMY	0.7569, 0.6471, 1.0000
CMYK	0.31, 0.00, 1.00, 0.65
HSL	79°, 100%, 18%
HSV	79°, 100%, 35%
XYZ	5.6428, 8.3365, 1.3117
YIQ	71.3680, 12.2020, -33.9260

Conversions

Conversions Part 2

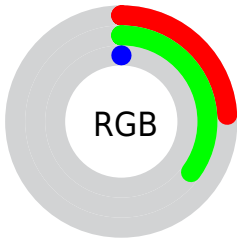
Format	Color
RYB	0, 90, 28
Decimal	4086272
CIELab	34.67, -23.37, 41.52
CIELCh	35, 47.645, 119.371
Yxy	8.3365, 0.3690, 0.5452
Android (android.graphics.Color)	4282276352 (0xFF3E5A00)
YUV	71.3680, -35.1844, -8.2157
Hunter-Lab	28.8729, -15.6426, 17.5175

Details

The Hex color **3E5A00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1C005A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **718C37**, and **0B2C00** is the 20% darker color. If you saturate the color by 10%, you get **3E5A00**, and if you desaturate by 10%, it is **415A09**.

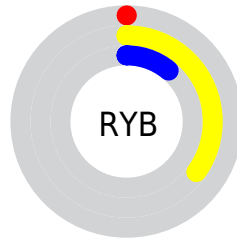
Distribution



Red (24%)

Green (35%)

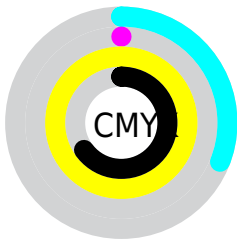
Blue (0%)



Red (0%)

Yellow (35%)

Blue (11%)

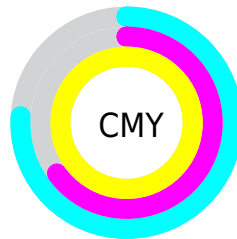


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5A00 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 3E5A00 by changing the saturation by 10% instead.

 3E5A00

 3E5A00

 FFFFF2

 264200

 718C37

 0B2C00

 8CA750

 001900

 A7C269

 000000

 C3DE83

 DFFA9E

 FCFFB9

 FFFFD5

 3E5A00

■ 415A09

■ 445A12

■ 465A1B

■ 495A24

■ 4C5A2D

■ 4F5A36

■ 525A3F

■ 545A48

■ 575A51

Harmonies

Analogous

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



645000



3E5A00



006028

Triad

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



3E5A00



005F93



932854

Complementary

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



3E5A00



1C005A

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.



7E3579



3E5A00



00569E

Square

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



3E5A00



006276



4D4894



922F2F

Rectangle

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



3E5A00



006242



4D4894



8E2B61

Sweetspot

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



3E5A00



6A7552



5A1B00



343B26



BABABA



3B3B3B

Same Dimension

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



3E5A00



517500



125A00



2C2E29



4C6E00



A3ED00

Inverse Universe

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



1C005A



240075



48005A



2B292E



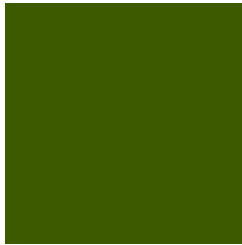
22006E



4A00ED

Previews

White Background



This preview shows how the Hex color 3E5A00 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

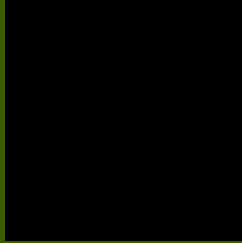
Any Text WCAG AA × Fail

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 3E5A00 Background



This preview shows how black text looks on a background with the Hex color 3E5A00.



This preview shows how white text looks on a background with the Hex color 3E5A00.

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](#).

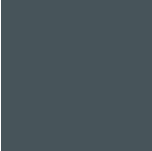
Dichromacy



Original Color
3E5A00

Protanopia
5C5200

Deuteranopia
674D11



Tritanopia
47545A

Trichromacy



Original Color
3E5A00

Protanomaly
515500

Deuteranomaly
58520B

Tritanomaly
445639

Monochromacy



Original Color
3E5A00

Achromatopsia
474747

Achromatomaly
444E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5A00 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 #3E5A00 looks like.

```
.text, #text, p{  
    color:#3E5A00  
}
```

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 #3E5A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5A00
}
```

Border

The CSS property to change the border of an element to Hex 3E5A00 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
#3E5A00 }
```

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

```
.border{ border-color:#3E5A00 }
```

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

Here you see how a box with a 4 pixel #3E5A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5A00; -webkit-box-shadow:4px 4px  
4px 4px #3E5A00; box-shadow:4px 4px 4px  
4px #3E5A00 }
```

Background

The CSS property to change the background color of an element to Hex 3E5A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5A00 }
```

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

```
.background{ background-color:#3E5A00 }
```

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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