

Converting Colors

Hex(3E5C05)

Have a look what the booklet for
Hex(3E5C05) contains.

Hex(3E5C05)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E5C05)

Conversions

Conversions Part 1

Format	Color
Hex	3E5C05
RGB	62, 92, 5
RGB Percent	24%, 36%, 2%
CMY	0.7569, 0.6392, 0.9804
CMYK	0.33, 0.00, 0.95, 0.64
HSL	81°, 90%, 19%
HSV	81°, 95%, 36%
XYZ	5.8411, 8.6894, 1.5129
YIQ	73.1120, 10.0470, -33.4170

Conversions

Conversions Part 2

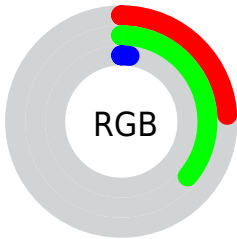
Format	Color
R_{YB}	5, 92, 35
Decimal	4086789
CIE _{Lab}	35.38, -24.15, 40.50
CIE _{LCh}	35, 47.155, 120.805
Yxy	8.6894, 0.3641, 0.5416
Android (android.graphics.Color)	4282276869 (0xFF3E5C05)
YUV	73.1120, -33.5792, -9.7452
Hunter-Lab	29.4778, -16.2155, 17.5914

Details

The Hex color **3E5C05** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **23055C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **718E3B**, and **0B2E00** is the 20% darker color. If you saturate the color by 10%, you get **3C5C00**, and if you desaturate by 10%, it is **415C0E**.

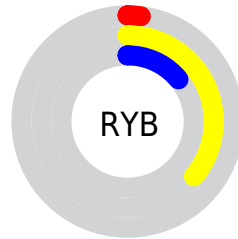
Distribution



Red (24%)

Green (36%)

Blue (2%)



Red (2%)

Yellow (36%)

Blue (14%)

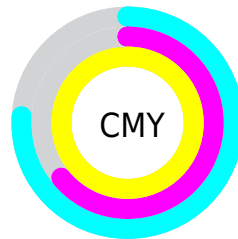


Cyan (33%)

Magenta (0%)

Yellow (95%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5C05 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 3E5C05 by changing the saturation by 10% instead.

 3E5C05

 3E5C05

 FFFFF6

 264400

 718E3B

 0B2E00

 8CA953

 001B00

 A7C46D

 000000

 C3E087

 DFFDA2

 FCFFBD

 FFFFD9

 3E5C05

 3E5C05

■ 3C5C00

■ 415C0E

■ 445C17

■ 485C21

■ 4B5C2A

■ 4E5C33

■ 515C3C

■ 545C45

■ 575C4F

■ 5B5C58

Harmonies

Analogous

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



645200



3E5C05



00622C

Triad

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



3E5C05



006095



942B54

Complementary

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



3E5C05



23055C

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.



813679



3E5C05



00579F

Square

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



3E5C05



006479



534994



93322F

Rectangle

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



3E5C05



006446



534994



902D60

Sweetspot

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



3E5C05



6C7856



5C2205



363D28



BDBDBD



3D3D3D

Same Dimension

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



3E5C05



4F7800



135C05



2C2E29



486E00



9BED00

Inverse Universe

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



23055C



290078



4E055C



2B292E



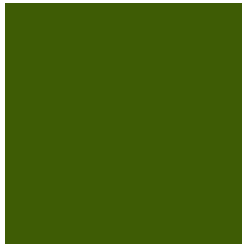
26006E



5200ED

Previews

White Background



This preview shows how the Hex color 3E5C05 looks on a white background.

Color Contrast Check

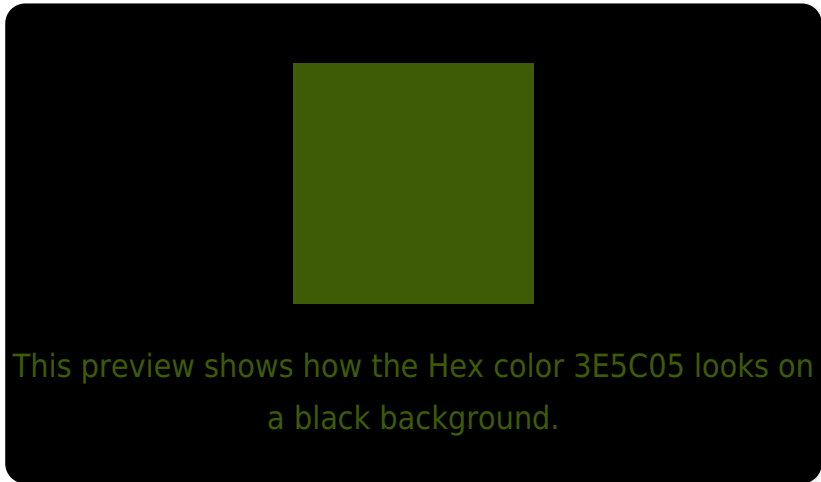
Large Text (above 18pt) WCAG AA ✓ Pass

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

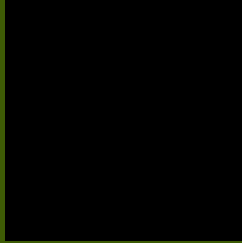
Any Text WCAG AA × Fail

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 3E5C05 Background



This preview shows how black text looks on a background with the Hex color 3E5C05.



This preview shows how white text looks on a background with the Hex color 3E5C05.

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](#).

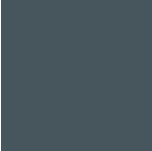
Dichromacy



Original Color
3E5C05

Protanopia
5E5300

Deuteranopia
694F12



Tritanopia
47565C

Trichromacy



Original Color
3E5C05

Protanomaly
525602

Deuteranomaly
59540D

Tritanomaly
44583C

Monochromacy



Original Color
3E5C05

Achromatopsia
494949

Achromatomaly
455030

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5C05 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 #3E5C05 looks like.

```
.text, #text, p{  
    color:#3E5C05  
}
```

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 #3E5C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5C05
}
```

Border

The CSS property to change the border of an element to Hex 3E5C05 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
#3E5C05 }
```

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

```
.border{ border-color:#3E5C05 }
```

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

Here you see how a box with a 4 pixel #3E5C05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5C05; -webkit-box-shadow:4px 4px  
4px 4px #3E5C05; box-shadow:4px 4px 4px  
4px #3E5C05 }
```

Background

The CSS property to change the background color of an element to Hex 3E5C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5C05 }
```

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

```
.background{ background-color:#3E5C05 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor