

# Converting Colors

Hex(325E05)

Have a look what the booklet for  
Hex(325E05) contains.

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# Color

Hex(325E05)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	325E05
RGB	50, 94, 5
RGB Percent	20%, 37%, 2%
CMY	0.8039, 0.6314, 0.9804
CMYK	0.47, 0.00, 0.95, 0.63
HSL	90°, 90%, 19%
HSV	90°, 95%, 37%
XYZ	5.3455, 8.6945, 1.5400
YIQ	70.6980, 2.3450, -37.0070

# Conversions

## Conversions Part 2

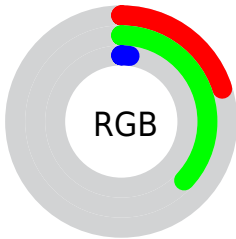
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 94, 49
Decimal	3300869
CIELab	35.39, -29.94, 40.23
CIELCh	35, 50.151, 126.653
Yxy	8.6945, 0.3431, 0.5581
Android (android.graphics.Color)	4281490949 (0xFF325E05)
YUV	70.6980, -32.3891, -18.1521
Hunter-Lab	29.4864, -19.2415, 17.5438

# Details

The Hex color **325E05** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **31055E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **65913B**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **305E00**, and if you desaturate by 10%, it is **375E0E**.

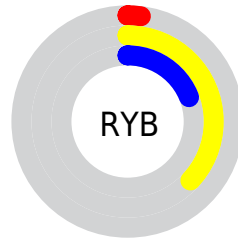
# Distribution



Red (20%)

Green (37%)

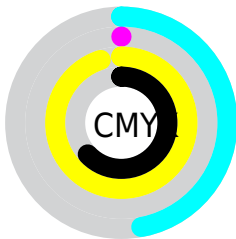
Blue (2%)



Red (2%)

Yellow (37%)

Blue (19%)

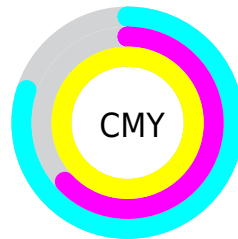


Cyan (47%)

Magenta (0%)

Yellow (95%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 325E05 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 325E05 by changing the saturation by 10% instead.



 325E05

 325E05

 FFFFF7

 194600

 65913B

 002F00

 80AC54

 001B00

 9BC76D

 000000

 B6E387

 D3FFA2

 F0FFBE

 FFFFDA

 325E05

 325E05

■ 305E00

■ 375E0E

■ 3B5E18

■ 405E21

■ 455E2B

■ 495E34

■ 4E5E3D

■ 535E47

■ 575E50

■ 5C5E5A

# Harmonies

## Analogous

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



5D5400



325E05



006331

# Triad

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



325E05



00609D



99264C

# Complementary

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



325E05



31055E

# 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.



893074



325E05



0055A4

# Square

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



325E05



006482



5E4494



943225

# Rectangle

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



325E05



00654D



5E4494



972759



# Sweetspot

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



325E05



697A58



5E3005



333D28



BDBDBD



3D3D3D



# Same Dimension

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



325E05



3E7A00



065E05



2C2E29



376E00



78ED00



# Inverse Universe

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



31055E



3D007A



5D055E



2C292E



36006E



7500ED



# Previews

## White Background



This preview shows how the Hex color 325E05 looks on a white background.

## Color Contrast Check

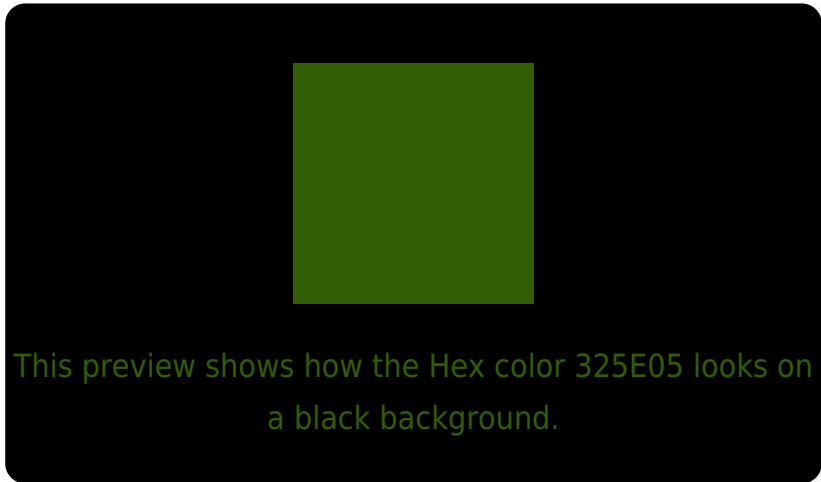
Large Text (above 18pt) WCAG AA ✓ Pass

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

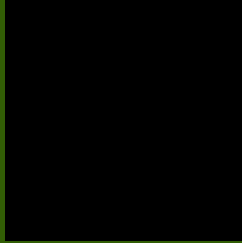
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 325E05 Background



This preview shows how black text looks on a background with the Hex color 325E05.



This preview shows how white text looks on a background with the Hex color 325E05.

# 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**  
325E05

**Protanopia**  
5E5300

**Deuteranopia**  
694F13



# Trichromacy



**Original Color**  
325E05

**Protanomaly**  
4E5702

**Deuteranomaly**  
55540E

**Tritanomaly**  
3A5A3E

# Monochromacy



**Original Color**  
325E05

**Achromatopsia**  
474747

**Achromatomaly**  
3F4F2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 325E05 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 #325E05 looks like.

```
.text, #text, p{  
    color:#325E05  
}
```

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 #325E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325E05
}
```

## Border

The CSS property to change the border of an element to Hex 325E05 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".

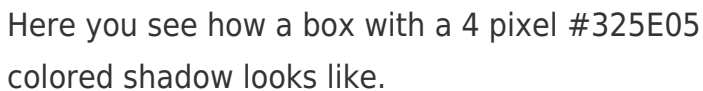
```
.border, #border, table{ border:4px solid
#325E05 }
```

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

```
.border{ border-color:#325E05 }
```

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

Here you see how a box with a 4 pixel #325E05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325E05; -webkit-box-shadow:4px 4px  
4px 4px #325E05; box-shadow:4px 4px 4px  
4px #325E05 }
```

# Background

The CSS property to change the background color of an element to Hex 325E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325E05 }
```

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

```
.background{ background-color:#325E05 }
```

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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