

# Converting Colors

Hex(325E0D)

Have a look what the booklet for  
Hex(325E0D) contains.

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**Color**

**Hex(325E0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	325E0D
RGB	50, 94, 13
RGB Percent	20%, 37%, 5%
CMY	0.8039, 0.6314, 0.9490
CMYK	0.47, 0.00, 0.86, 0.63
HSL	93°, 76%, 21%
HSV	93°, 86%, 37%
XYZ	5.3907, 8.7126, 1.7783
YIQ	71.6100, -0.2230, -34.5190

# Conversions

## Conversions Part 2

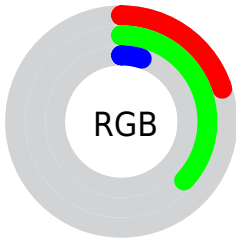
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 94, 57
Decimal	3300877
CIELab	35.42, -29.55, 37.92
CIELCh	35, 48.076, 127.932
Yxy	8.7126, 0.3394, 0.5486
Android (android.graphics.Color)	4281490957 (0xFF325E0D)
YUV	71.6100, -28.8947, -18.9520
Hunter-Lab	29.5171, -19.0552, 17.0898

# Details

The Hex color **325E0D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **390D5E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **659140**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **2D5E04**, and if you desaturate by 10%, it is **375E16**.

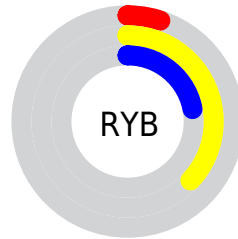
# Distribution



Red (20%)

Green (37%)

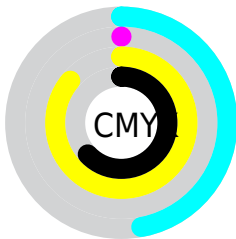
Blue (5%)



Red (5%)

Yellow (37%)

Blue (22%)

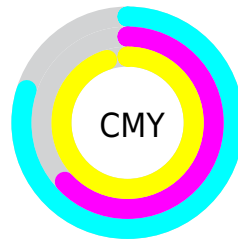


Cyan (47%)

Magenta (0%)

Yellow (86%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 325E0D 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 325E0D by changing the saturation by 10% instead.



 325E0D

 325E0D

 FFFFFB

 194600

 659140

 002F00

 7FAC58

 001B00

 9AC772

 000000

 B6E38C

 D2FFA7

 EFFF C2

 FFFFDF

 325E0D

 325E0D

■ 2D5E04

■ 375E16

■ 2B5E00

■ 3C5E20

■ 415E29

■ 465E33

■ 4C5E3C

■ 515E45

■ 565E4F

■ 5B5E58

■ 605E62

# Harmonies

## Analogous

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



5C5500



325E0D



006335

# Triad

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



325E0D



005F9B



972A4B

# Complementary

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



325E0D



390D5E

# 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.



893271



325E0D



0055A0

# Square

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



325E0D



006482



614490



913526

# Rectangle

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



325E0D



00644F



614490



952A58



# Sweetspot

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



325E0D



697A5B



5E380D



333D2A



BDBDBD



3D3D3D



# Same Dimension

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



325E0D



387A00



0D5E10



2B2E29



326E00



6CED00



# Inverse Universe

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



390D5E



42007A



5E0D5B



2C292E



3C006E

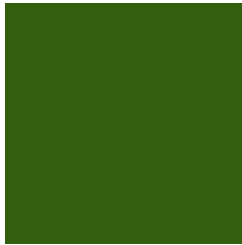


8100ED



# Previews

## White Background



This preview shows how the Hex color 325E0D looks on a white background.

## Color Contrast Check

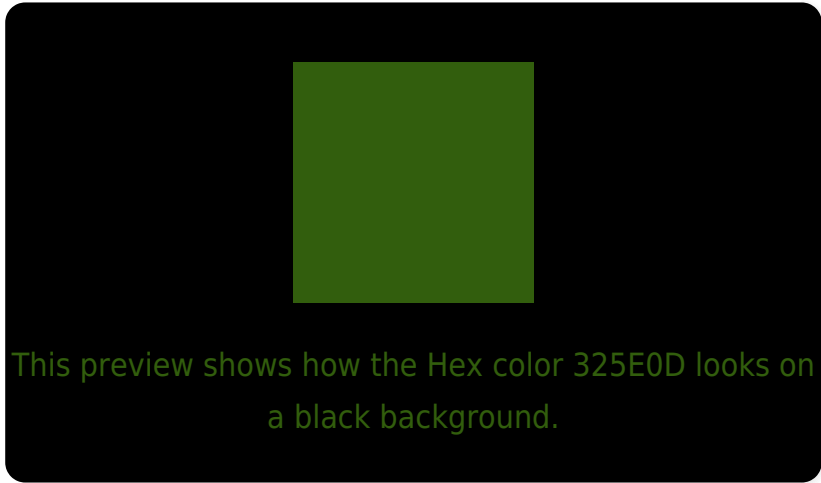
Large Text (above 18pt) WCAG AA ✓ Pass

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

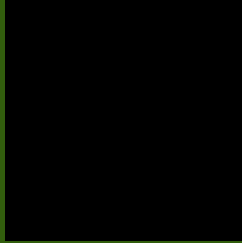
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 325E0D Background



This preview shows how black text looks on a background with the Hex color 325E0D.



This preview shows how white text looks on a background with the Hex color 325E0D.

# 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**  
325E0D

**Protanopia**  
5E530A

**Deuteranopia**  
684F17



# Trichromacy



**Original Color**  
325E0D

**Protanomaly**  
4E570B

**Deuteranomaly**  
545413

**Tritanomaly**  
3A5A41

# Monochromacy



**Original Color**  
325E0D

**Achromatopsia**  
484848

**Achromatomaly**  
405033

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 325E0D 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 #325E0D looks like.

```
.text, #text, p{  
    color:#325E0D  
}
```

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 #325E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325E0D }  
}
```

## Border

The CSS property to change the border of an element to Hex 325E0D 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".

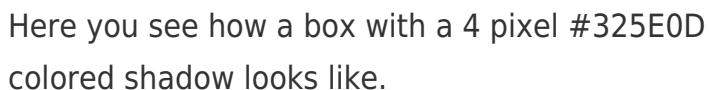
```
.border, #border, table{ border:4px solid #325E0D }  
}
```

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

```
.border{ border-color:#325E0D }
```

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

Here you see how a box with a 4 pixel #325E0D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325E0D; -webkit-box-shadow:4px 4px  
4px 4px #325E0D; box-shadow:4px 4px 4px  
4px #325E0D }
```

# Background

The CSS property to change the background color of an element to Hex 325E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325E0D }
```

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

```
.background{ background-color:#325E0D }
```

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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