

Converting Colors

Hex(325325)

Have a look what the booklet for
Hex(325325) contains.

Hex(325325)	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(325325)

Conversions

Conversions Part 1

Format	Color
Hex	325325
RGB	50, 83, 37
RGB Percent	20%, 33%, 15%
CMY	0.8039, 0.6745, 0.8549
CMYK	0.40, 0.00, 0.55, 0.67
HSL	103°, 38%, 24%
HSV	103°, 55%, 33%
XYZ	4.7426, 6.9982, 2.8511
YIQ	67.8890, -4.9020, -21.3020

Conversions

Conversions Part 2

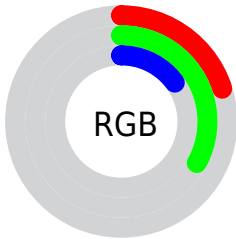
Format	Color
R_YB	37, 83, 70
Decimal	3298085
CIE Lab	31.80, -21.97, 23.03
CIE LCh	32, 31.829, 133.654
Yxy	6.9982, 0.3250, 0.4796
Android (android.graphics.Color)	4281488165 (0xFF325325)
YUV	67.8890, -15.2283, -15.6887
Hunter-Lab	26.4541, -14.2940, 12.1279

Details

The Hex color **325325** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **462553**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **628553**, and **062600** is the 20% darker color. If you saturate the color by 10%, you get **2C531D**, and if you desaturate by 10%, it is **38532D**.

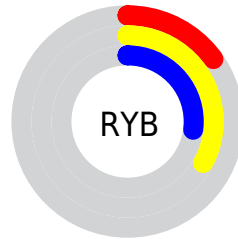
Distribution



Red (20%)

Green (33%)

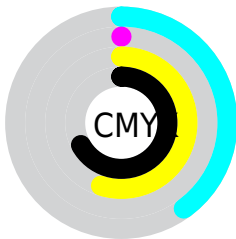
Blue (15%)



Red (15%)

Yellow (33%)

Blue (27%)

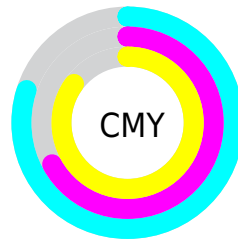


Cyan (40%)

Magenta (0%)

Yellow (55%)

Black (67%)



Cyan (80%)

Magenta (67%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 325325 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 325325 by changing the saturation by 10% instead.

 325325

 325325

FFFFFF

 1B3C0F

 628553

 062600

 7C9F6C

 000C00

 96BA85

 000000

 B1D69F

 CDF2BB

 E9FFD6

 FFFFF3

 325325

 325325

■ 2C531D

■ 38532D

■ 265314

■ 3E5336

■ 20530C

■ 44533E

■ 1A5304

■ 4A5346

■ 175300

■ 50534E

■ 565357

■ 5C535F

■ 625367

■ 685370

Harmonies

Analogous

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



4E4D17



325325



00563C

Triad

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



325325



00517A



793540

Complementary

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



325325



462553

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.



72375A



325325



334A7B

Square

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



325325



00566D



5B406F



743B29

Rectangle

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



325325



00574D



5B406F



783549

Sweetspot

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



325325



5E6B59



534625



2E362B



B5B5B5



363636

Same Dimension

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



325325



386B23



25532F



262925



1E6900



42E800

Inverse Universe

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



462553



57236B



532549



282529



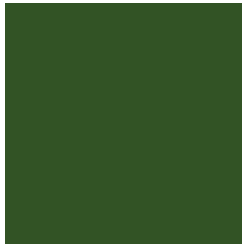
4B0069



A600E8

Previews

White Background



This preview shows how the Hex color 325325 looks on a white background.

Color Contrast Check

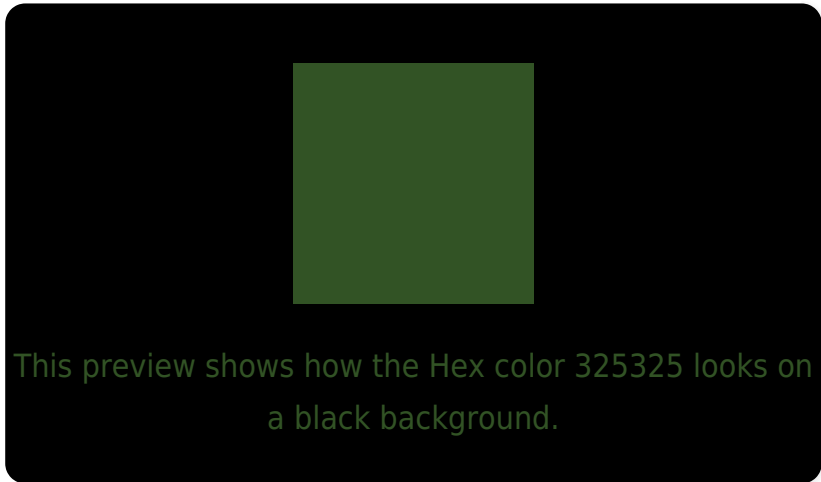
Large Text (above 18pt) WCAG AA ✓ Pass

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

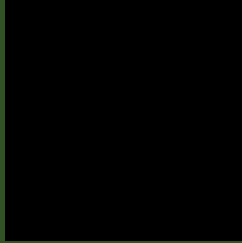
Any Text WCAG AA × Fail

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 325325 Background



This preview shows how black text looks on a background with the Hex color 325325.



This preview shows how white text looks on a background with the Hex color 325325.

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](#).

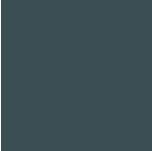
Dichromacy



Original Color
325325

Protanopia
534B22

Deuteranopia
5B4728



Tritanopia
3A4E54

Trichromacy



Original Color
325325

Protanomaly
474E23

Deuteranomaly
4C4B27

Tritanomaly
375043

Monochromacy



Original Color
325325

Achromatopsia
444444

Achromatomaly
3D4939

CSS Examples

Text

The CSS property to change the color of the text to Hex 325325 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 #325325 looks like.

```
.text, #text, p{  
    color:#325325  
}
```

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 #325325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325325
}
```

Border

The CSS property to change the border of an element to Hex 325325 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
#325325 }
```

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

```
.border{ border-color:#325325 }
```

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

Here you see how a box with a 4 pixel #325325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325325; -webkit-box-shadow:4px 4px  
4px 4px #325325; box-shadow:4px 4px 4px  
4px #325325 }
```

Background

The CSS property to change the background color of an element to Hex 325325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325325 }
```

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

```
.background{ background-color:#325325 }
```

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