

# Converting Colors

Hex(325935)

Have a look what the booklet for  
Hex(325935) contains.

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# Color

Hex(325935)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	325935
RGB	50, 89, 53
RGB Percent	20%, 35%, 21%
CMY	0.8039, 0.6510, 0.7922
CMYK	0.44, 0.00, 0.40, 0.65
HSL	125°, 28%, 27%
HSV	125°, 44%, 35%
XYZ	5.5304, 8.0799, 4.6363
YIQ	73.2350, -11.6880, -19.4640

# Conversions

## Conversions Part 2

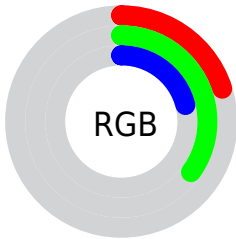
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 86, 89
Decimal	3299637
CIE <sub>Lab</sub>	34.15, -22.41, 16.62
CIE <sub>LCh</sub>	34, 27.902, 143.429
Yxy	8.0799, 0.3031, 0.4428
Android (android.graphics.Color)	4281489717 (0xFF325935)
YUV	73.2350, -9.9759, -20.3771
Hunter-Lab	28.4252, -15.0153, 10.2272

# Details

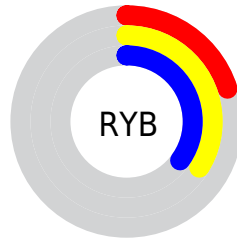
The Hex color **325935** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **593256**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **638B64**, and **032B09** is the 20% darker color. If you saturate the color by 10%, you get **29592D**, and if you desaturate by 10%, it is **3B593D**.

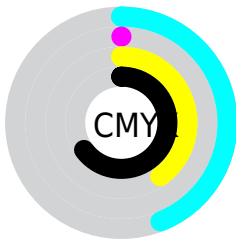
# Distribution



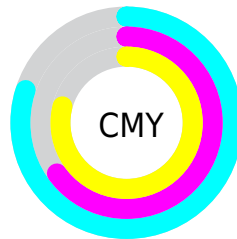
- Red (20%)
- Green (35%)
- Blue (21%)



- Red (20%)
- Yellow (34%)
- Blue (35%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)
- Black (65%)



- Cyan (80%)
- Magenta (65%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 325935 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 325935 by changing the saturation by 10% instead.



 325935

 325935

FFFFFF

 1A411F

 638B64

 032B09

 7CA67D

 001700

 96C197

 000000

 B1DDB2

 CDFACD

 EAFFEA

 325935

 325935

 29592D

 3B593D

■ 205925

■ 445945

■ 17591C

■ 4D594E

■ 0E5914

■ 565956

■ 06590C

■ 5F595E

■ 005907

■ 675966

■ 70596F

■ 795977

■ 82597F

# Harmonies

## Analogous

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



4C5426



325935



055B4B

# Triad

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



325935



1E547C



7A3F40

# Complementary

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



325935



593256

# 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.



773E56



325935



4B4C79

# Square

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



325935



005973



67446B



72452D

# Rectangle

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



325935



005C5A



67446B



7A3E47



# Sweetspot

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



325935



647365



565932



313B32



BABABA



3B3B3B



# Same Dimension

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



325935



36733B



325948



272B27



006B08



00EB12



# Inverse Universe

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



593256



73366E



593243



2B272B



6B0063



EB00D9



# Previews

## White Background



This preview shows how the Hex color 325935 looks on a white background.

## Color Contrast Check

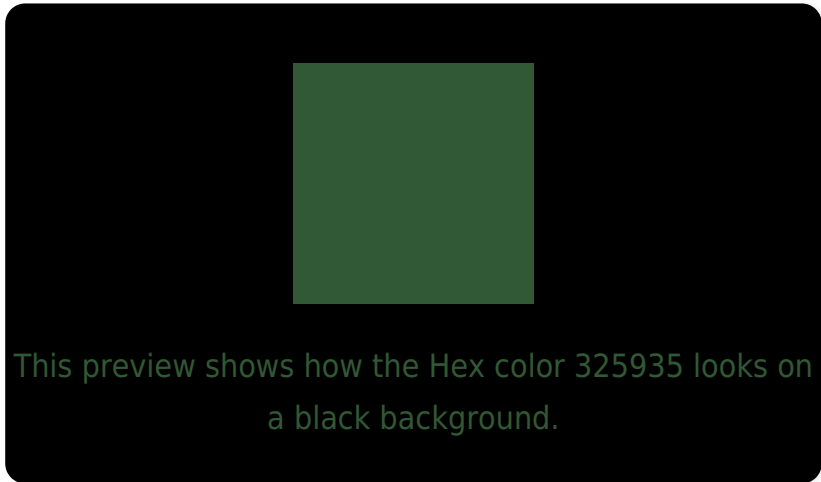
Large Text (above 18pt) WCAG AA ✓ Pass

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

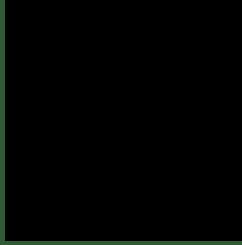
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 325935 Background



This preview shows how black text looks on a background with the Hex color 325935.



This preview shows how white text looks on a background with the Hex color 325935.

# 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**  
325935

**Protanopia**  
575031

**Deuteranopia**  
5F4D38



**Tritanopia**  
3A545B

# Trichromacy



**Original Color**  
325935

**Protanomaly**  
4A5332

**Deuteranomaly**  
4F5137

**Tritanomaly**  
37564D

# Monochromacy



**Original Color**  
325935

**Achromatopsia**  
494949

**Achromatomaly**  
414F42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 325935 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 #325935 looks like.

```
.text, #text, p{  
    color:#325935  
}
```

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 #325935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325935
}
```

## Border

The CSS property to change the border of an element to Hex 325935 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
#325935 }
```

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

```
.border{ border-color:#325935 }
```

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

Here you see how a box with a 4 pixel #325935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325935; -webkit-box-shadow:4px 4px  
4px 4px #325935; box-shadow:4px 4px 4px  
4px #325935 }
```

# Background

The CSS property to change the background color of an element to Hex 325935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325935 }
```

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

```
.background{ background-color:#325935 }
```

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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