

# Converting Colors

Hex(3D3345)

Have a look what the booklet for  
Hex(3D3345) contains.

<b>Hex(3D3345)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3D3345)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D3345
RGB	61, 51, 69
RGB Percent	24%, 20%, 27%
CMY	0.7608, 0.8000, 0.7294
CMYK	0.12, 0.26, 0.00, 0.73
HSL	273°, 15%, 24%
HSV	273°, 26%, 27%
XYZ	4.1825, 3.7894, 6.1412
YIQ	56.0420, 0.1820, 7.7180

# Conversions

## Conversions Part 2

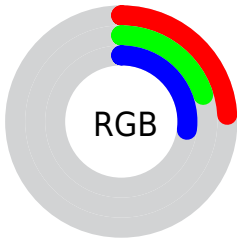
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 51, 69
Decimal	4010821
CIELab	22.96, 8.58, -9.52
CIElCh	23, 12.818, 312.020
Yxy	3.7894, 0.2964, 0.2685
Android (android.graphics.Color)	4282200901 (0xFF3D3345)
YUV	56.0420, 6.3883, 4.3482
Hunter-Lab	19.4664, 4.2854, -5.0781

# Details

The Hex color **3D3345** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B4533**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6D6175**, and **13051A** is the 20% darker color. If you saturate the color by 10%, you get **3A2C45**, and if you desaturate by 10%, it is **403A45**.

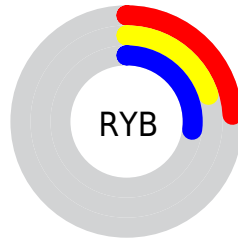
# Distribution



 Red (24%)

 Green (20%)

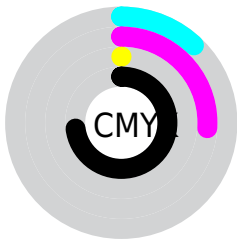
 Blue (27%)




 Red (24%)

 Yellow (20%)

 Blue (27%)

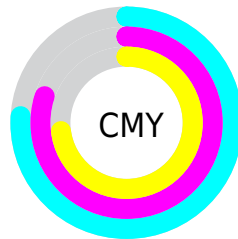


 Cyan (12%)

 Magenta (26%)

 Yellow (0%)

 Black (73%)



 Cyan (76%)

 Magenta (80%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D3345 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 3D3345 by changing the saturation by 10% instead.





3D3345



3D3345

FFFFFF



271E2F



6D6175



13051A



867A8F



000000



A094A9



BBAFC5



D7CAE1



F3E6FD



3D3345



3D3345



3A2C45



403A45

■ 372545

■ 434145

■ 341E45

■ 464845

■ 311745

■ 494F45

■ 2E1145

■ 4C5645

■ 2B0A45

■ 4F5C45

■ 280345

■ 526345

■ 260045

■ 566A45

■ 597145

# Harmonies

## Analogous

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



303649



3D3345



46303D

# Triad

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



3D3345



433425



1B3C3A

# Complementary

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



3D3345



3B4533

# 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.



243C31



3D3345



3A3724

# Square

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



3D3345



49312A



2F3A28



1A3B43

# Rectangle

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



3D3345



493036



2F3A28



1E3C37



# Sweetspot

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



3D3345



565259



333B45



2C292E



ADADAD



2E2E2E



# Same Dimension

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



3D3345



4D3E59



453344



222024



370063



7E00E3



# Inverse Universe

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



45333B



593E4A



334534



242022



63002C



E30065



# Previews

## White Background



This preview shows how the Hex color 3D3345 looks on a white background.

## Color Contrast Check

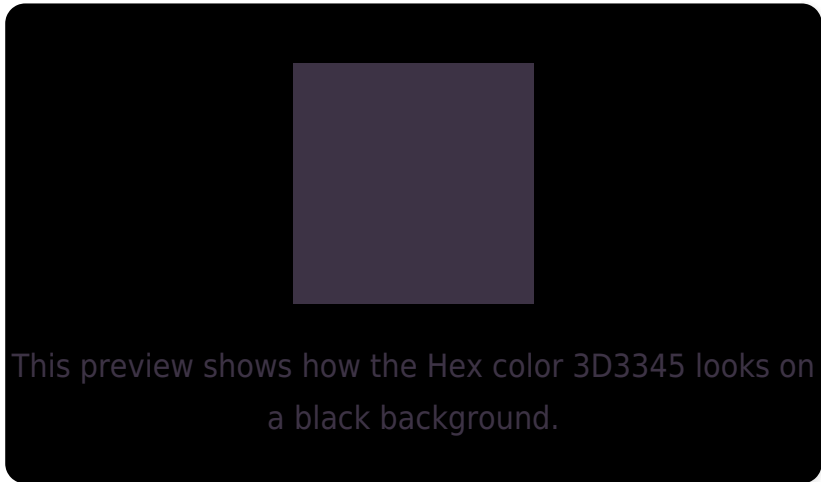
Large Text (above 18pt) WCAG AA ✓ Pass

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

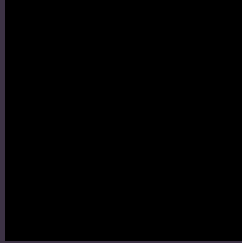
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D3345 Background



This preview shows how black text looks on a background with the Hex color 3D3345.



This preview shows how white text looks on a background with the Hex color 3D3345.

# 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**  
3D3345

**Protanopia**  
323647

**Deuteranopia**  
353644



**Tritanopia**  
3B3539

# Trichromacy



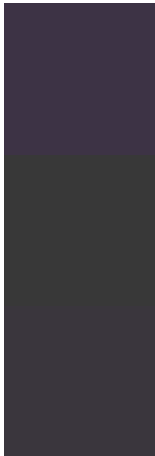
**Original Color**  
3D3345

**Protanomaly**  
363546

**Deuteranomaly**  
383544

**Tritanomaly**  
3C343D

# Monochromacy



**Original Color**  
3D3345

**Achromatopsia**  
383838

**Achromatomaly**  
3A363D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D3345 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 #3D3345 looks like.

```
.text, #text, p{  
    color:#3D3345  
}
```

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 #3D3345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3345
}
```

## Border

The CSS property to change the border of an element to Hex 3D3345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

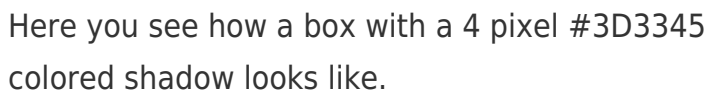
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3345 }
```

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

```
.border{ border-color:#3D3345 }
```

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



Here you see how a box with a 4 pixel #3D3345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3345; -webkit-box-shadow:4px 4px  
4px 4px #3D3345; box-shadow:4px 4px 4px  
4px #3D3345 }
```

# Background

The CSS property to change the background color of an element to Hex 3D3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3345 }
```

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

```
.background{ background-color:#3D3345 }
```

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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