

Converting Colors

Hex(3D0445)

Have a look what the booklet for
Hex(3D0445) contains.

Hex(3D0445)	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(3D0445)

Conversions

Conversions Part 1

Format	Color
Hex	3D0445
RGB	61, 4, 69
RGB Percent	24%, 2%, 27%
CMY	0.7608, 0.9843, 0.7294
CMYK	0.12, 0.94, 0.00, 0.73
HSL	293°, 89%, 14%
HSV	293°, 94%, 27%
XYZ	3.0421, 1.5086, 5.7611
YIQ	28.4530, 13.1070, 32.2990

Conversions

Conversions Part 2

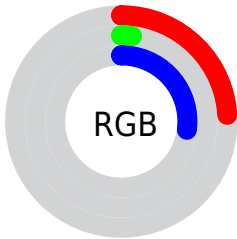
Format	Color
RYB	61, 4, 69
Decimal	3998789
CIELab	12.66, 35.20, -25.67
CIELCh	13, 43.566, 323.906
Yxy	1.5086, 0.2950, 0.1463
Android (android.graphics.Color)	4282188869 (0xFF3D0445)
YUV	28.4530, 19.9897, 28.5437
Hunter-Lab	12.2825, 22.7154, -19.2120




Details

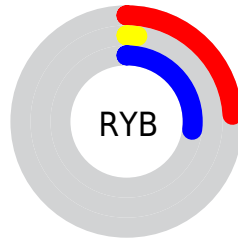
The Hex color **3D0445** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C4504**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **6F3776**, and **000019** is the 20% darker color. If you saturate the color by 10%, you get **3D0045**, and if you desaturate by 10%, it is **3E0B45**.

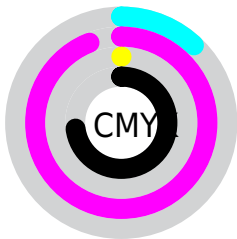
Distribution







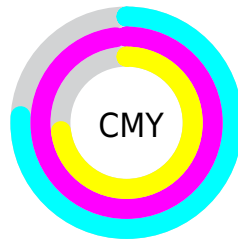
-  Red (24%)
-  Green (2%)
-  Blue (27%)






-  Red (24%)
-  Yellow (2%)
-  Blue (27%)



-  Cyan (12%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (76%)
-  Magenta (98%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0445 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 3D0445 by changing the saturation by 10% instead.

 3D0445

 3D0445

 FFF0FF

 27002F

 6F3776

 000019

 894F90

 000000

 A468AA

 C082C6

 DC9CE2

 F9B8FE

 FFD4FF

 3D0445

 3D0445

■ 3D0045

■ 3E0B45

■ 3F1245

■ 401945

■ 402045

■ 412745

■ 422D45

■ 433445

■ 443B45

■ 454245

Harmonies

Analogous

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



001C59



3D0445



500028

Triad

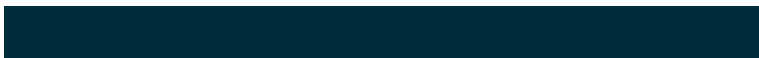
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D0445



2F1E00



002D39

Complementary

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



3D0445



0C4504

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.



002D19



3D0445



122600

Square

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



3D0445



450C00



002B00



002C52

Rectangle

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



3D0445



520015



002B00



002D2F

Sweetspot

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



3D0445



564059



040D45



2C1E2E



ADADAD



2E2E2E

Same Dimension

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



3D0445



4E0059



45042D



232024



570063



C700E3

Inverse Universe

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



45040C



59000B



04451C



242021



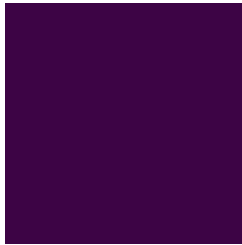
63000C



E3001C

Previews

White Background



This preview shows how the Hex color 3D0445 looks on a white background.

Color Contrast Check

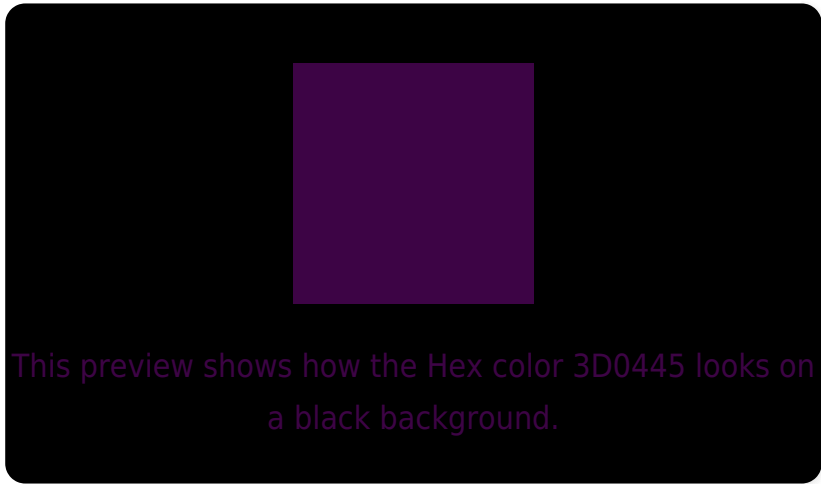
Large Text (above 18pt) WCAG AA ✓ Pass

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

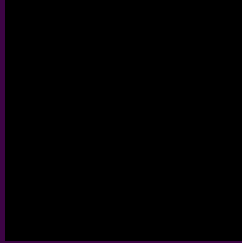
Any Text WCAG AA × Fail

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 3D0445 Background



This preview shows how black text looks on a background with the Hex color 3D0445.



This preview shows how white text looks on a background with the Hex color 3D0445.

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](#).

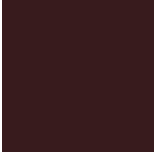
Dichromacy



Original Color
3D0445

Protanopia
00234A

Deuteranopia
082541



Tritanopia
381B1D

Trichromacy



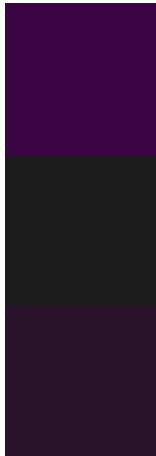
Original Color
3D0445

Protanomaly
161848

Deuteranomaly
1B1942

Tritanomaly
3A132C

Monochromacy



Original Color
3D0445

Achromatopsia
1C1C1C

Achromatomaly
28132B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0445 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 #3D0445 looks like.

```
.text, #text, p{  
    color:#3D0445  
}
```

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 #3D0445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0445
}
```

Border

The CSS property to change the border of an element to Hex 3D0445 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
#3D0445 }
```

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

```
.border{ border-color:#3D0445 }
```

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

Here you see how a box with a 4 pixel #3D0445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0445; -webkit-box-shadow:4px 4px  
4px 4px #3D0445; box-shadow:4px 4px 4px  
4px #3D0445 }
```

Background

The CSS property to change the background color of an element to Hex 3D0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0445 }
```

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

```
.background{ background-color:#3D0445 }
```

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