

Converting Colors

Hex(3D4003)

Have a look what the booklet for
Hex(3D4003) contains.

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Color

Hex(3D4003)

Conversions

Conversions Part 1

Format	Color
Hex	3D4003
RGB	61, 64, 3
RGB Percent	24%, 25%, 1%
CMY	0.7608, 0.7490, 0.9882
CMYK	0.05, 0.00, 0.95, 0.75
HSL	63°, 91%, 13%
HSV	63°, 95%, 25%
XYZ	3.7743, 4.6655, 0.7877
YIQ	56.1490, 17.7930, -19.6070

Conversions

Conversions Part 2

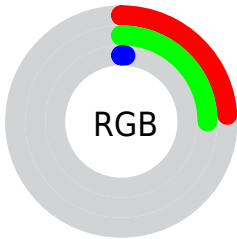
Format	Color
R_{YB}	3, 64, 6
Decimal	4014083
CIE Lab	25.76, -9.42, 33.15
CIE LCh	26, 34.457, 105.857
Yxy	4.6655, 0.4090, 0.5056
Android (android.graphics.Color)	4282204163 (0xFF3D4003)
YUV	56.1490, -26.2025, 4.2543
Hunter-Lab	21.5997, -6.6086, 12.9575

Details

The Hex color **3D4003** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **060340**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6F7033**, and **081700** is the 20% darker color. If you saturate the color by 10%, you get **3D4000**, and if you desaturate by 10%, it is **3D4009**.

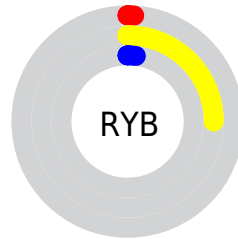
Distribution



Red (24%)

Green (25%)

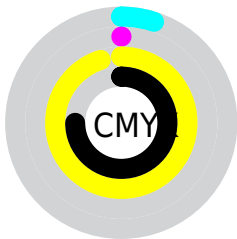
Blue (1%)



Red (1%)

Yellow (25%)

Blue (2%)

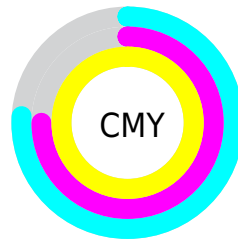


Cyan (5%)

Magenta (0%)

Yellow (95%)

Black (75%)



Cyan (76%)

Magenta (75%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4003 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 3D4003 by changing the saturation by 10% instead.

 3D4003

 3D4003

 FFFFEA

 262A00

 6F7033

 081700

 89894B

 000000

 A4A363

 C0BE7D

 DCDA97

 F9F6B2

 FFFFCE

 3D4003

 3D4003

■ 3D4000

■ 3D4009

■ 3E4010

■ 3E4016

■ 3E401D

■ 3F4023

■ 3F4029

■ 3F4030

■ 404036

■ 40403D

Harmonies

Analogous

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



543705



3D4003



1E4616

Triad

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



3D4003



004862



66254B

Complementary

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



3D4003



060340

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.



503062



3D4003



004370

Square

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



3D4003



00494B



233B70



6C2430

Rectangle

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



3D4003



004826



233B70



602853

Sweetspot

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



3D4003



53543C



400503



2B2B1C



ABABAB



2B2B2B

Same Dimension

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



3D4003



505400



1F4003



21211E



5C6100



D5E000

Inverse Universe

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



060340



040054



240340



1E1E21



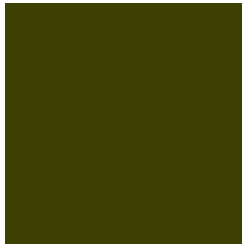
050061



0B00E0

Previews

White Background



This preview shows how the Hex color 3D4003 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

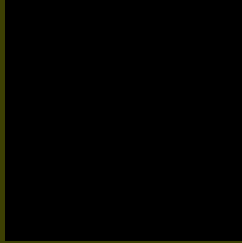
Any Text WCAG AA × Fail

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 3D4003 Background



This preview shows how black text looks on a background with the Hex color 3D4003.



This preview shows how white text looks on a background with the Hex color 3D4003.

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
3D4003

Protanopia
453D00

Deuteranopia
4D3A0A



Tritanopia
413B40

Trichromacy



Original Color
3D4003

Protanomaly
423E01

Deuteranomaly
473C07

Tritanomaly
403D2A

Monochromacy



Original Color
3D4003

Achromatopsia
383838

Achromatomaly
3A3B25

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4003 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 #3D4003 looks like.

```
.text, #text, p{  
    color:#3D4003  
}
```

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 #3D4003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4003
}
```

Border

The CSS property to change the border of an element to Hex 3D4003 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".

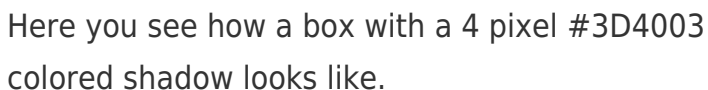
```
.border, #border, table{ border:4px solid
#3D4003 }
```

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

```
.border{ border-color:#3D4003 }
```

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

Here you see how a box with a 4 pixel #3D4003 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4003; -webkit-box-shadow:4px 4px  
4px 4px #3D4003; box-shadow:4px 4px 4px  
4px #3D4003 }
```

Background

The CSS property to change the background color of an element to Hex 3D4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4003 }
```

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

```
.background{ background-color:#3D4003 }
```

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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