

Converting Colors

Hex(3D0666)

Have a look what the booklet for
Hex(3D0666) contains.

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Color

Hex(3D0666)

Conversions

Conversions Part 1

Format	Color
Hex	3D0666
RGB	61, 6, 102
RGB Percent	24%, 2%, 40%
CMY	0.7608, 0.9765, 0.6000
CMYK	0.40, 0.94, 0.00, 0.60
HSL	274°, 89%, 21%
HSV	274°, 94%, 40%
XYZ	4.3879, 2.0817, 12.7409
YIQ	33.3890, 1.9640, 41.5160

Conversions

Conversions Part 2

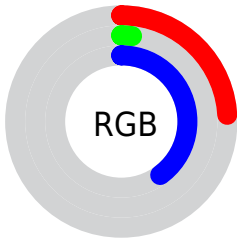
Format	Color
RYB	61, 6, 102
Decimal	3999334
CIELab	15.91, 41.82, -42.81
CIELCh	16, 59.846, 314.335
Yxy	2.0817, 0.2284, 0.1084
Android (android.graphics.Color)	4282189414 (0xFF3D0666)
YUV	33.3890, 33.8252, 24.2148
Hunter-Lab	14.4280, 29.0370, -42.2577

Details

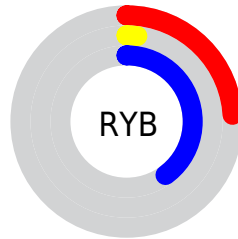
The Hex color **3D0666** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2F6606**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **713B9A**, and **060036** is the 20% darker color. If you saturate the color by 10%, you get **3A0066**, and if you desaturate by 10%, it is **411066**.

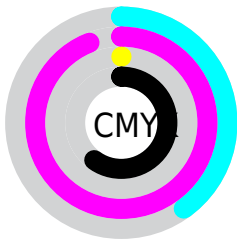
Distribution



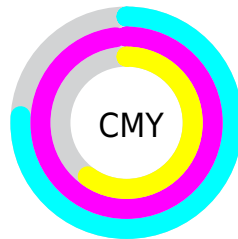
- Red (24%)
- Green (2%)
- Blue (40%)



- Red (24%)
- Yellow (2%)
- Blue (40%)



- Cyan (40%)
- Magenta (94%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (98%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0666 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 3D0666 by changing the saturation by 10% instead.

 3D0666

 3D0666

 FFF6FF

 23004D

 713B9A

 060036

 8C53B5

 000220

 A86DD1

 000003

 C487ED

 000000

 E1A2FF

 FEBDFF

 FFD9FF

 3D0666

 3D0666

■ 3A0066

■ 411066

■ 461A66

■ 4A2566

■ 4E2F66

■ 533966

■ 574366

■ 5B4D66

■ 605866

■ 646266

Harmonies

Analogous

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



00287D



3D0666



640040

Triad

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



3D0666



441D00



00373C

Complementary

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



3D0666



2F6606

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.



00360E



3D0666



1F2C00

Square

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



3D0666



5E0000



003300



003764

Rectangle

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



3D0666



6B0024



003300



00372D

Sweetspot

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



3D0666



755F85



063066



392C42



C2C2C2



424242

Same Dimension

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



3D0666



4C0085



660660



312E33



420073



8B00F2

Inverse Universe

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



66062F



850039



06660C



332E30



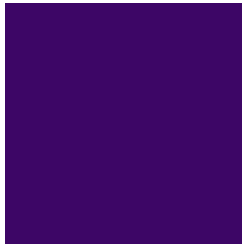
730031



F20067

Previews

White Background



This preview shows how the Hex color 3D0666 looks on a white background.

Color Contrast Check

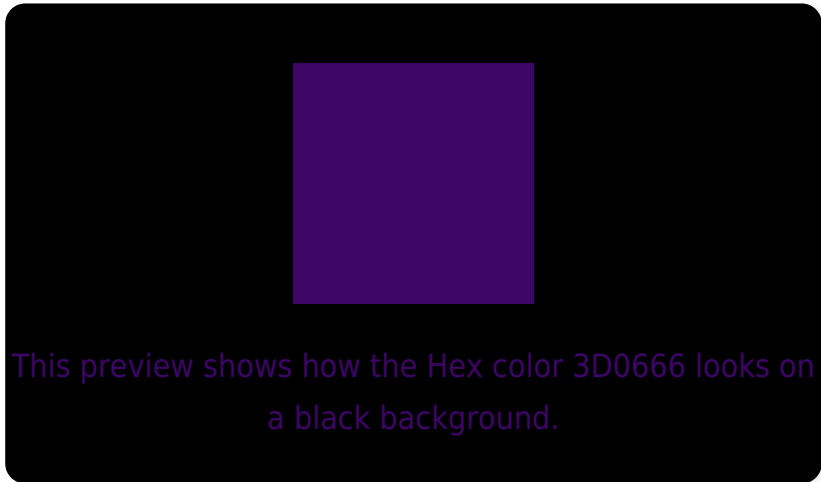
Large Text (above 18pt) WCAG AA ✓ Pass

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

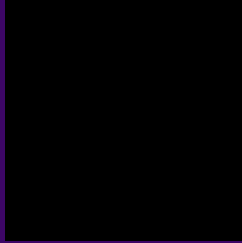
Any Text WCAG AA × Fail

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 3D0666 Background



This preview shows how black text looks on a background with the Hex color 3D0666.



This preview shows how white text looks on a background with the Hex color 3D0666.

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
3D0666

Protanopia
002956

Deuteranopia
002C4A



Tritanopia
31282B

Trichromacy



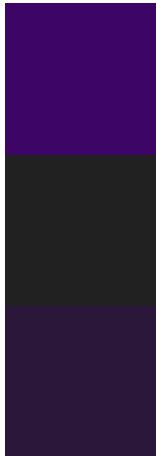
Original Color
3D0666

Protanomaly
161C5C

Deuteranomaly
161E54

Tritanomaly
351C40

Monochromacy



Original Color
3D0666

Achromatopsia
212121

Achromatomaly
2B173A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0666 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 #3D0666 looks like.

```
.text, #text, p{  
    color:#3D0666  
}
```

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 #3D0666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0666
}
```

Border

The CSS property to change the border of an element to Hex 3D0666 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
#3D0666 }
```

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

```
.border{ border-color:#3D0666 }
```

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

Here you see how a box with a 4 pixel #3D0666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0666; -webkit-box-shadow:4px 4px  
4px 4px #3D0666; box-shadow:4px 4px 4px  
4px #3D0666 }
```

Background

The CSS property to change the background color of an element to Hex 3D0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0666 }
```

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

```
.background{ background-color:#3D0666 }
```

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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