

Converting Colors

Hex(3D0772)

Have a look what the booklet for
Hex(3D0772) contains.

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Color

Hex(3D0772)

Conversions

Conversions Part 1

Format	Color
Hex	3D0772
RGB	61, 7, 114
RGB Percent	24%, 3%, 45%
CMY	0.7608, 0.9725, 0.5529
CMYK	0.46, 0.94, 0.00, 0.55
HSL	270°, 88%, 24%
HSV	270°, 94%, 45%
XYZ	5.0377, 2.3590, 16.1094
YIQ	35.3440, -2.1630, 44.7250

Conversions

Conversions Part 2

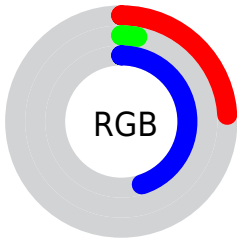
Format	Color
RYB	61, 7, 114
Decimal	3999602
CIELab	17.27, 44.42, -48.42
CIELCh	17, 65.708, 312.532
Yxy	2.3590, 0.2143, 0.1004
Android (android.graphics.Color)	4282189682 (0xFF3D0772)
YUV	35.3440, 38.7774, 22.5003
Hunter-Lab	15.3589, 31.6697, -51.4358




Details

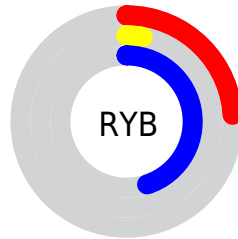
The Hex color **3D0772** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3C7207**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **733CA7**, and **040041** is the 20% darker color. If you saturate the color by 10%, you get **3A0072**, and if you desaturate by 10%, it is **431272**.

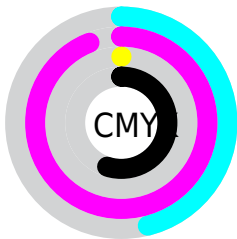
Distribution







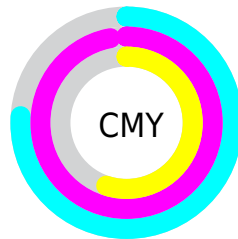
-  Red (24%)
-  Green (3%)
-  Blue (45%)






-  Red (24%)
-  Yellow (3%)
-  Blue (45%)



-  Cyan (46%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (76%)
-  Magenta (97%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0772 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 3D0772 by changing the saturation by 10% instead.

 3D0772

 3D0772

 FFF9FF

 210059

 733CA7

 040041

 8E55C2

 00032A

 AA6FDF

 000114

 C789FC

 000000

 E3A4FF

 FFC0FF

 FFDCFF

 3D0772

 3D0772

■ 3A0072

■ 431272

■ 481E72

■ 4E2972

■ 543572

■ 594072

■ 5F4B72

■ 655772

■ 6A6272

■ 706E72

Harmonies

Analogous

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



002C8A



3D0772



6B0048

Triad

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



3D0772



4B1D00



003B3E

Complementary

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



3D0772



3C7207

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.



003A09



3D0772



232F00

Square

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



3D0772



680000



003600



003B6B

Rectangle

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



3D0772



750029



003600



003B2E

Sweetspot

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



3D0772



7F6A94



073D72



3D314A



C9C9C9



4A4A4A

Same Dimension

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



3D0772



4B0094



720772



353238



3C0078



7D00F7

Inverse Universe

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



72073C



940049



077207



383235



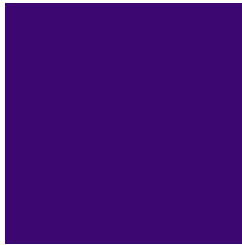
78003B



F7007B

Previews

White Background



This preview shows how the Hex color 3D0772 looks on a white background.

Color Contrast Check

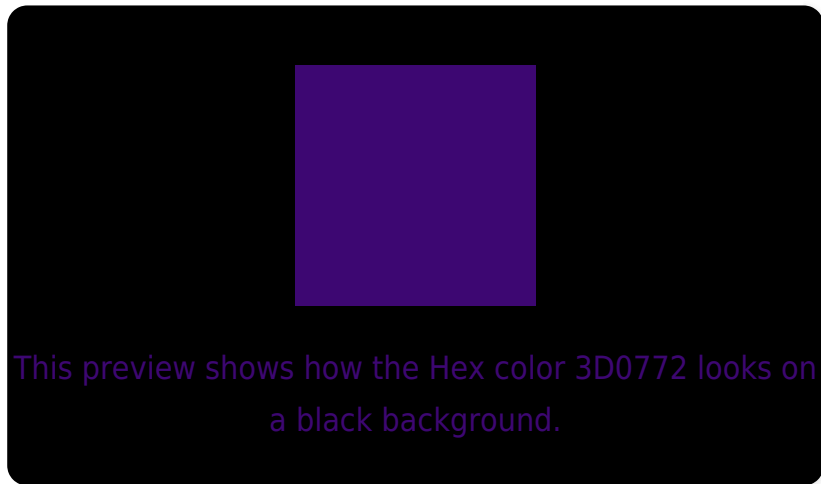
Large Text (above 18pt) WCAG AA ✓ Pass

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

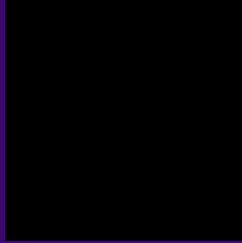
Any Text WCAG AA × Fail

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 3D0772 Background



This preview shows how black text looks on a background with the Hex color 3D0772.

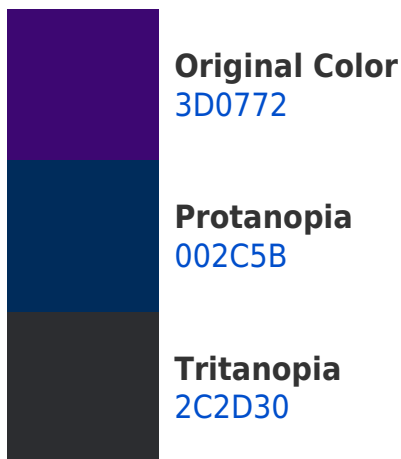


This preview shows how white text looks on a background with the Hex color 3D0772.

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



Trichromacy

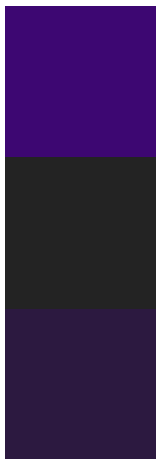


Original Color
3D0772

Protanomaly
161F63

Tritanomaly
321F48

Monochromacy



Original Color
3D0772

Achromatopsia
232323

Achromatomaly
2C1940

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0772 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 #3D0772 looks like.

```
.text, #text, p{  
    color:#3D0772  
}
```

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 #3D0772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0772
}
```

Border

The CSS property to change the border of an element to Hex 3D0772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

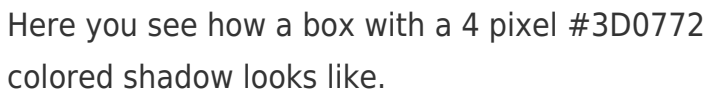
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D0772 }
```

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

```
.border{ border-color:#3D0772 }
```

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



Here you see how a box with a 4 pixel #3D0772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0772; -webkit-box-shadow:4px 4px  
4px 4px #3D0772; box-shadow:4px 4px 4px  
4px #3D0772 }
```

Background

The CSS property to change the background color of an element to Hex 3D0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0772 }
```

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

```
.background{ background-color:#3D0772 }
```

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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