

Converting Colors

Hex(3D2079)

Have a look what the booklet for
Hex(3D2079) contains.

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Color

Hex(3D2079)

Conversions

Conversions Part 1

Format	Color
Hex	3D2079
RGB	61, 32, 121
RGB Percent	24%, 13%, 47%
CMY	0.7608, 0.8745, 0.5255
CMYK	0.50, 0.74, 0.00, 0.53
HSL	260°, 58%, 30%
HSV	260°, 74%, 47%
XYZ	5.8922, 3.4056, 18.4360
YIQ	50.8170, -11.2850, 33.8270

Conversions

Conversions Part 2

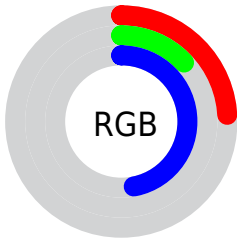
Format	Color
R_{YB}	61, 32, 121
Decimal	4006009
CIE _{Lab}	21.60, 35.82, -45.82
CIE _{LCh}	22, 58.155, 308.016
Yxy	3.4056, 0.2125, 0.1228
Android (android.graphics.Color)	4282196089 (0xFF3D2079)
YUV	50.8170, 34.6002, 8.9305
Hunter-Lab	18.4543, 24.6974, -46.3132

Details

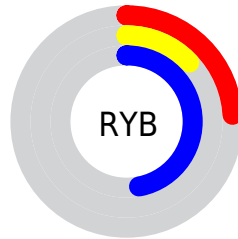
The Hex color **3D2079** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5C7920**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **724FAE**, and **050047** is the 20% darker color. If you saturate the color by 10%, you get **351479**, and if you desaturate by 10%, it is **452C79**.

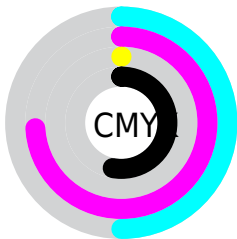
Distribution



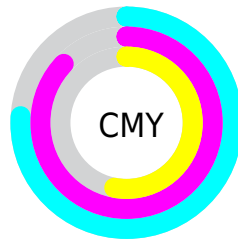
- Red (24%)
- Green (13%)
- Blue (47%)



- Red (24%)
- Yellow (13%)
- Blue (47%)



- Cyan (50%)
- Magenta (74%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (87%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2079 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 3D2079 by changing the saturation by 10% instead.

■ 3D2079

■ 3D2079

FFFFFF

■ 210860

■ 724FAE

■ 050047

■ 8D68CA

■ 000430

■ A981E6

■ 00011A

■ C59CFF

■ 000000

■ E2B7FF

■ FFD3FF

■ FFEFFF

■ 3D2079

■ 3D2079

■ 351479

■ 452C79

■ 2D0879

■ 4D3879

■ 270079

■ 554479

■ 5E5079

■ 665C79

■ 6E6979

■ 767579

■ 7E8179

■ 868D79

Harmonies

Analogous

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



00378B



3D2079



6D0055

Triad

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



3D2079



592500



00443F

Complementary

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



3D2079



5C7920

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.



004210



3D2079



373600

Square

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



3D2079



720000



003F00



004469

Rectangle

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



3D2079



790039



003F00



004430

Sweetspot

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



3D2079



877B9E



205D79



413A4F



CFCFCF



4F4F4F

Same Dimension

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



3D2079



40139E



692079



39373D



29007D



5200FC

Inverse Universe

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



79205C



9E1371



307920



3D373B



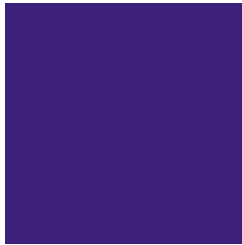
7D0054



FC00AA

Previews

White Background



This preview shows how the Hex color 3D2079 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 3D2079 Background



This preview shows how black text looks on a background with the Hex color 3D2079.



This preview shows how white text looks on a background with the Hex color 3D2079.

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
3D2079

Protanopia
00336B

Deuteranopia
00365C



Tritanopia
2B363B

Trichromacy



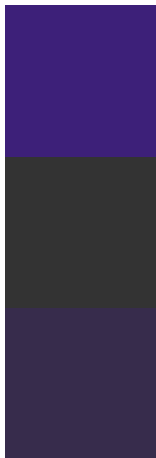
Original Color
3D2079

Protanomaly
162C70

Deuteranomaly
162E67

Tritanomaly
322E52

Monochromacy



Original Color
3D2079

Achromatopsia
333333

Achromatomaly
372C4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2079 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 #3D2079 looks like.

```
.text, #text, p{  
    color:#3D2079  
}
```

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 #3D2079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2079
}
```

Border

The CSS property to change the border of an element to Hex 3D2079 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
#3D2079 }
```

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

```
.border{ border-color:#3D2079 }
```

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

Here you see how a box with a 4 pixel #3D2079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2079; -webkit-box-shadow:4px 4px  
4px 4px #3D2079; box-shadow:4px 4px 4px  
4px #3D2079 }
```

Background

The CSS property to change the background color of an element to Hex 3D2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2079 }
```

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

```
.background{ background-color:#3D2079 }
```

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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