

Converting Colors

Hex(3D27C1)

Have a look what the booklet for
Hex(3D27C1) contains.

| | |
|--|----|
| Hex(3D27C1) | 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> | 28 |

Color

Hex(3D27C1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3D27C1 |
| RGB | 61, 39, 193 |
| RGB Percent | 24%, 15%, 76% |
| CMY | 0.7608, 0.8471, 0.2431 |
| CMYK | 0.68, 0.80, 0.00, 0.24 |
| HSL | 249°, 66%, 45% |
| HSV | 249°, 80%, 76% |
| XYZ | 12.2756, 6.2934, 51.0198 |
| YIQ | 63.1340, -36.3220, 52.5580 |

Conversions

Conversions Part 2

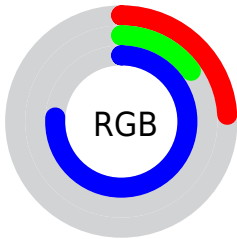
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 61, 39, 193 |
| Decimal | 4007873 |
| CIE _{Lab} | 30.14, 53.86, -75.79 |
| CIE _{LCh} | 30, 92.975, 305.397 |
| Yxy | 6.2934, 0.1764, 0.0904 |
| Android (android.graphics.Color) | 4282197953 (0xFF3D27C1) |
| YUV | 63.1340, 64.0239, -1.8715 |
| Hunter-Lab | 25.0866, 43.4437, -103.0201 |

Details

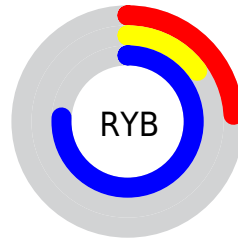
The Hex color **3D27C1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **ABC127**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7E59FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **2C14C1**, and if you desaturate by 10%, it is **4E3AC1**.

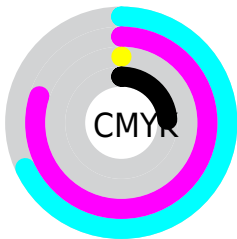
Distribution



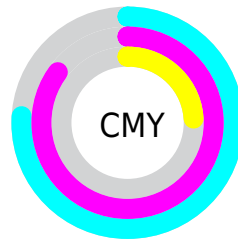
- Red (24%)
- Green (15%)
- Blue (76%)



- Red (24%)
- Yellow (15%)
- Blue (76%)



- Cyan (68%)
- Magenta (80%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (85%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D27C1 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 3D27C1 by changing the saturation by 10% instead.

■ 3D27C1

■ 3D27C1

FFFFFF

■ 060CA5

■ 7E59FB

■ 00008A

■ 9D72FF

■ 000070

■ BB8DFF

■ 000356

■ DAA8FF

■ 00063E

■ F8C4FF

■ 000327

■ FFE0FF

■ 000110

■ FFFDFF

■ 000000

■ 3D27C1

■ 3D27C1

■ 2C14C1

■ 4E3AC1

■ 1C00C1

■ 5E4EC1

■ 6F61C1

■ 7F74C1

■ 9088C1

■ A09BC1

■ B1AEC1

■ C1C1C1

■ D2D5C1

Harmonies

Analogous

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



0050DD



3D27C1



A00085

Triad

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



3D27C1



852600



005E53

Complementary

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



3D27C1



ABC127

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.



005C00



3D27C1



4C4900

Square

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



3D27C1



AC0000



005700



00609B

Rectangle

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



3D27C1



B60056



005700



005E39

Sweetspot

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



3D27C1



C6BEFA



27ACC1



5E597D



FCFCFC



7D7D7D

Same Dimension

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



3D27C1



2C0AFA



8927C1



595761



1700A1



050021

Inverse Universe

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



C127AB



FA0AD8



5FC127



615760



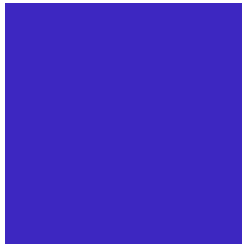
A1008A



21001C

Previews

White Background



This preview shows how the Hex color 3D27C1 looks on a white background.

Color Contrast Check

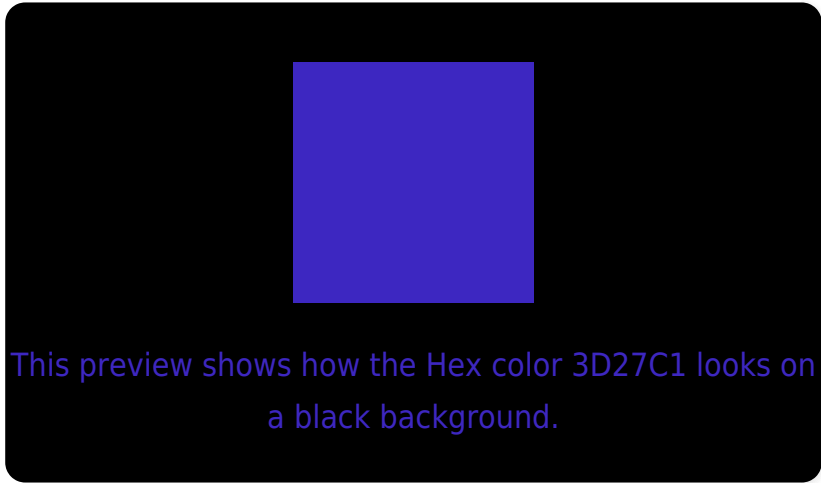
Large Text (above 18pt) WCAG AA ✓ Pass

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

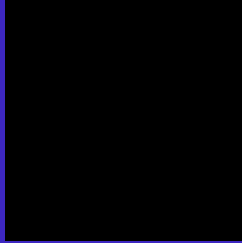
Any Text WCAG AA × Fail

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 3D27C1 Background



This preview shows how black text looks on a background with the Hex color 3D27C1.



This preview shows how white text looks on a background with the Hex color 3D27C1.

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
3D27C1

Protanomaly
163AA2

Tritanomaly
16407C

Monochromacy



Original Color
3D27C1

Achromatopsia
3F3F3F

Achromatomaly
3E366E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D27C1 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 #3D27C1 looks like.

```
.text, #text, p{  
    color:#3D27C1  
}
```

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 #3D27C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D27C1
}
```

Border

The CSS property to change the border of an element to Hex 3D27C1 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
#3D27C1 }
```

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

```
.border{ border-color:#3D27C1 }
```

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

Here you see how a box with a 4 pixel #3D27C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D27C1; -webkit-box-shadow:4px 4px  
4px 4px #3D27C1; box-shadow:4px 4px 4px  
4px #3D27C1 }
```

Background

The CSS property to change the background color of an element to Hex 3D27C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D27C1 }
```

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

```
.background{ background-color:#3D27C1 }
```

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