

Converting Colors

Hex(3D18AB)

Have a look what the booklet for
Hex(3D18AB) contains.

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Color

Hex(3D18AB)

Conversions

Conversions Part 1

Format	Color
Hex	3D18AB
RGB	61, 24, 171
RGB Percent	24%, 9%, 67%
CMY	0.7608, 0.9059, 0.3294
CMYK	0.64, 0.86, 0.00, 0.33
HSL	255°, 75%, 38%
HSV	255°, 86%, 67%
XYZ	9.6018, 4.5856, 38.9071
YIQ	51.8210, -25.1350, 53.5610

Conversions

Conversions Part 2

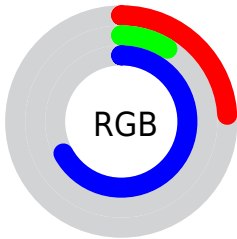
Format	Color
R _Y B	61, 24, 171
Decimal	4004011
CIE Lab	25.52, 53.90, -70.34
CIE LCh	26, 88.615, 307.464
Yxy	4.5856, 0.1808, 0.0864
Android (android.graphics.Color)	4282194091 (0xFF3D18AB)
YUV	51.8210, 58.7552, 8.0500
Hunter-Lab	21.4141, 42.5622, -92.7336

Details

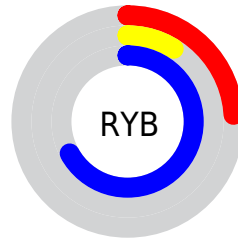
The Hex color **3D18AB** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **86AB18**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7B4CE4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **3007AB**, and if you desaturate by 10%, it is **4A29AB**.

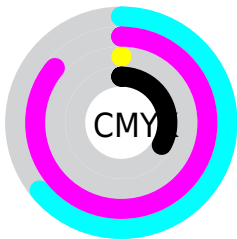
Distribution



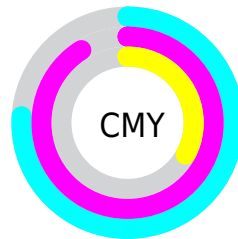
- Red (24%)
- Green (9%)
- Blue (67%)



- Red (24%)
- Yellow (9%)
- Blue (67%)



- Cyan (64%)
- Magenta (86%)
- Yellow (0%)
- Black (33%)



- Cyan (76%)
- Magenta (91%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D18AB 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 3D18AB by changing the saturation by 10% instead.

■ 3D18AB

■ 3D18AB

FFFFFF

■ 120090

■ 7B4CE4

■ 000075

■ 9965FF

■ 00005C

■ B67FFF

■ 000743

■ D49AFF

■ 00032C

■ F3B6FF

■ 000116

■ FFD2FF

■ 000000

■ FFEFFF

■ 3D18AB

■ 3D18AB

■ 3007AB

■ 4A29AB

■ 2B00AB

■ 573AAB

■ 634BAB

■ 705CAB

■ 7D6DAB

■ 8A7FAB

■ 9790AB

■ A3A1AB

■ B0B2AB

Harmonies

Analogous

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



0044C8



3D18AB



920072

Triad

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



3D18AB



722100



00524D

Complementary

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



3D18AB



86AB18

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.



005000



3D18AB



3C4000

Square

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



3D18AB



970000



004C00



00548F

Rectangle

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



3D18AB



A40046



004C00



005135

Sweetspot

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



3D18AB



B3A4DE



1886AB



564D70



F0F0F0



707070

Same Dimension

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



3D18AB



3800DE



8618AB



504E57



260096



060017

Inverse Universe

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



AB1886



DE00A6



3DAB18



574E55



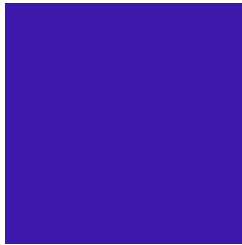
960071



170011

Previews

White Background



This preview shows how the Hex color 3D18AB looks on a white background.

Color Contrast Check

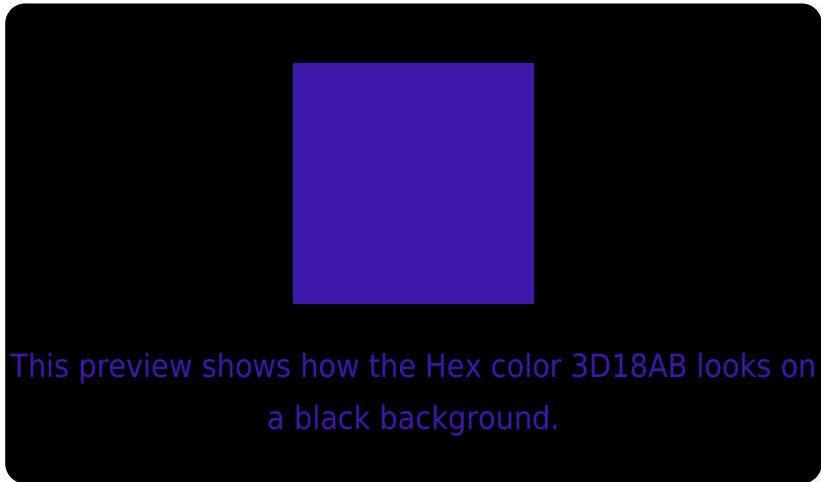
Large Text (above 18pt) WCAG AA ✓ Pass

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

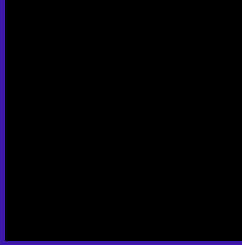
Any Text WCAG AA × Fail

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 3D18AB Background



This preview shows how black text looks on a background with the Hex color 3D18AB.



This preview shows how white text looks on a background with the Hex color 3D18AB.

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
3D18AB

Protanopia
003B7C

Deuteranopia
003F6A



Tritanopia
004449

Trichromacy



Original Color
3D18AB

Protanomaly
162E8D

Deuteranomaly
163182

Tritanomaly
16346D

Monochromacy



Original Color
3D18AB

Achromatopsia
343434

Achromatomaly
372A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D18AB 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 #3D18AB looks like.

```
.text, #text, p{  
    color:#3D18AB  
}
```

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 #3D18AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D18AB
}
```

Border

The CSS property to change the border of an element to Hex 3D18AB 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
#3D18AB }
```

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

```
.border{ border-color:#3D18AB }
```

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

Here you see how a box with a 4 pixel #3D18AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D18AB; -webkit-box-shadow:4px 4px  
4px 4px #3D18AB; box-shadow:4px 4px 4px  
4px #3D18AB }
```

Background

The CSS property to change the background color of an element to Hex 3D18AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D18AB }
```

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

```
.background{ background-color:#3D18AB }
```

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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