

# Converting Colors

Hex(3227DA)

Have a look what the booklet for  
Hex(3227DA) contains.

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# Color

**Hex(3227DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3227DA
RGB	50, 39, 218
RGB Percent	20%, 15%, 85%
CMY	0.8039, 0.8471, 0.1451
CMYK	0.77, 0.82, 0.00, 0.15
HSL	244°, 71%, 50%
HSV	244°, 82%, 85%
XYZ	14.6958, 7.1911, 66.9431
YIQ	62.6950, -50.9030, 58.0010

# Conversions

## Conversions Part 2

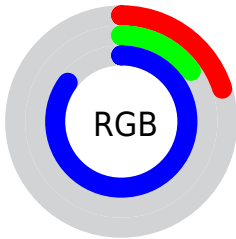
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 39, 218
Decimal	3287002
CIELab	32.24, 60.44, -86.89
CIELCh	32, 105.847, 304.821
Yxy	7.1911, 0.1654, 0.0810
Android (android.graphics.Color)	4281477082 (0xFF3227DA)
YUV	62.6950, 76.5654, -11.1335
Hunter-Lab	26.8162, 50.8930, -129.2382

# Details

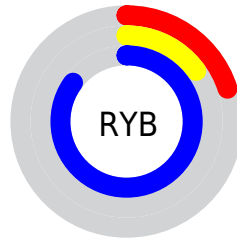
The Hex color **3227DA** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CFDA27**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7D5AFF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **1E11DA**, and if you desaturate by 10%, it is **463DDA**.

# Distribution



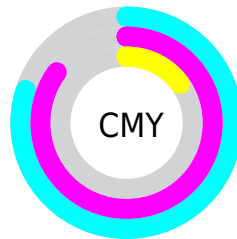
- Red (20%)
- Green (15%)
- Blue (85%)



- Red (20%)
- Yellow (15%)
- Blue (85%)



- Cyan (77%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (80%)
- Magenta (85%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3227DA 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 3227DA by changing the saturation by 10% instead.



■ 3227DA

■ 3227DA

FFFFFF

■ 000ABD

■ 7D5AFF

■ 0000A1

■ 9D74FF

■ 000086

■ BD8EFF

■ 00006C

■ DCAAFF

■ 000B52

■ FBC5FF

■ 00063A

■ FFE2FF

■ 000224

■ 00000B

■ 000000

■ 3227DA

■ 3227DA

■ 1E11DA

■ 463DDA

■ 0D00DA

■ 5B53DA

■ 6F68DA

■ 847EDA

■ 9894DA

■ ADAADA

■ C1C0DA

■ D6D5DA

■ EAEBDA

# Harmonies

## Analogous

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



0058FA



3227DA



B00095

# Triad

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



3227DA



922200



006558

# Complementary

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



3227DA



CFDA27

# 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.



006300



3227DA



524E00

# Square

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



3227DA



BF0000



005E00



0068AC

# Rectangle

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



3227DA



CA005E



005E00



00653B



# Sweetspot

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



3227DA



C3BFFF



27D1DA



5C5980



000000



808080



# Same Dimension

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



3227DA



1203FF



8927DA



63636E



0B00AD



03002E



# Inverse Universe

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



DA27CF



FF03EF



78DA27



6E636D



AD00A3

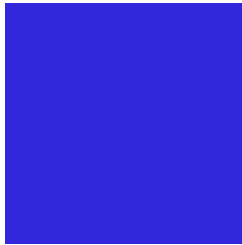


2E002B



# Previews

## White Background



This preview shows how the Hex color 3227DA looks on a white background.

## Color Contrast Check

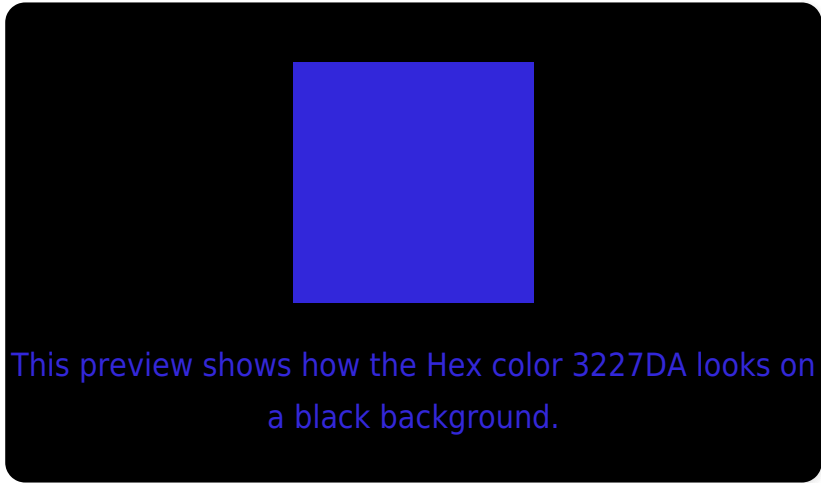
Large Text (above 18pt) WCAG AA ✓ Pass

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

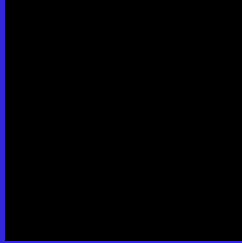
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3227DA Background



This preview shows how black text looks on a background with the Hex color 3227DA.



This preview shows how white text looks on a background with the Hex color 3227DA.

# 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**  
3227DA

**Protanopia**  
004999

**Deuteranopia**  
004E82



# Trichromacy



**Original Color**  
3227DA

**Protanomaly**  
123DB1

**Deuteranomaly**  
1240A2

**Tritanomaly**  
124487

# Monochromacy



**Original Color**  
3227DA

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
3A3677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3227DA 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 #3227DA looks like.

```
.text, #text, p{  
    color:#3227DA  
}
```

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 #3227DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3227DA
}
```

## Border

The CSS property to change the border of an element to Hex 3227DA 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
#3227DA }
```

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

```
.border{ border-color:#3227DA }
```

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

Here you see how a box with a 4 pixel #3227DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3227DA; -webkit-box-shadow:4px 4px  
4px 4px #3227DA; box-shadow:4px 4px 4px  
4px #3227DA }
```

# Background

The CSS property to change the background color of an element to Hex 3227DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3227DA }
```

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

```
.background{ background-color:#3227DA }
```

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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