

Converting Colors

Hex(3A21BE)

Have a look what the booklet for
Hex(3A21BE) contains.

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Color

Hex(3A21BE)

Conversions

Conversions Part 1

Format	Color
Hex	3A21BE
RGB	58, 33, 190
RGB Percent	23%, 13%, 75%
CMY	0.7725, 0.8706, 0.2549
CMYK	0.69, 0.83, 0.00, 0.25
HSL	250°, 70%, 44%
HSV	250°, 83%, 75%
XYZ	11.5830, 5.7050, 49.2059
YIQ	58.3730, -35.4970, 54.1270

Conversions

Conversions Part 2

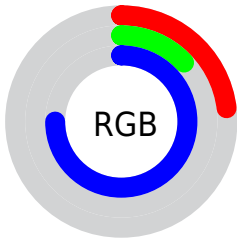
Format	Color
R_{YB}	58, 33, 190
Decimal	3809726
CIE _{Lab}	28.66, 55.41, -76.49
CIE _{LCh}	29, 94.450, 305.922
Yxy	5.7050, 0.1742, 0.0858
Android (android.graphics.Color)	4281999806 (0xFF3A21BE)
YUV	58.3730, 64.8921, -0.3271
Hunter-Lab	23.8851, 44.7646, -105.4245

Details

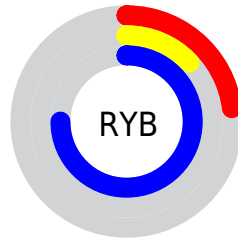
The Hex color **3A21BE** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **A5BE21**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7C53F8**, and **000087** is the 20% darker color. If you saturate the color by 10%, you get **2A0EBE**, and if you desaturate by 10%, it is **4A34BE**.

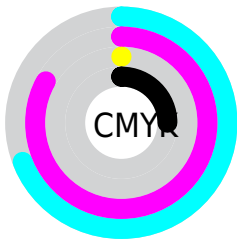
Distribution



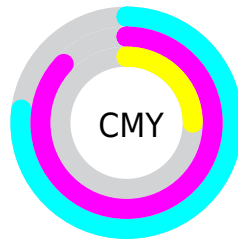
- Red (23%)
- Green (13%)
- Blue (75%)



- Red (23%)
- Yellow (13%)
- Blue (75%)



- Cyan (69%)
- Magenta (83%)
- Yellow (0%)
- Black (25%)



- Cyan (77%)
- Magenta (87%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A21BE 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 3A21BE by changing the saturation by 10% instead.

 3A21BE

 3A21BE

FFFFFF

 0003A2

 7C53F8

 000087

 9B6DFF

 00006D

 B987FF

 000653

 D7A3FF

 00063B

 F6BEFF

 000224

 FFDAFF

 00000C

 FFF7FF

 000000

 3A21BE

 3A21BE

■ 2A0EBE

■ 4A34BE

■ 1E00BE

■ 5A47BE

■ 6A5ABE

■ 7A6DBE

■ 8A80BE

■ 9A93BE

■ AAA6BE

■ BAB9BE

■ CACCB E

Harmonies

Analogous

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



004DDB



3A21BE



9E0081

Triad

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



3A21BE



802200



005B51

Complementary

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



3A21BE



A5BE21

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.



005800



3A21BE



474600

Square

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



3A21BE



A80000



005400



005D9A

Rectangle

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



3A21BE



B30051



005400



005A37

Sweetspot

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



3A21BE



C3BAF7



21A6BE



5D577D



FCFCFC



7D7D7D

Same Dimension

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



3A21BE



2902F7



8721BE



56555E



19009E



05001F

Inverse Universe

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



BE21A5



F702D0



58BE21



5E555D



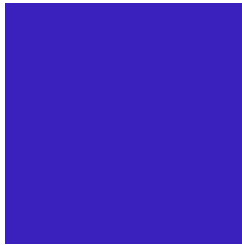
9E0085



1F001A

Previews

White Background



This preview shows how the Hex color 3A21BE looks on a white background.

Color Contrast Check

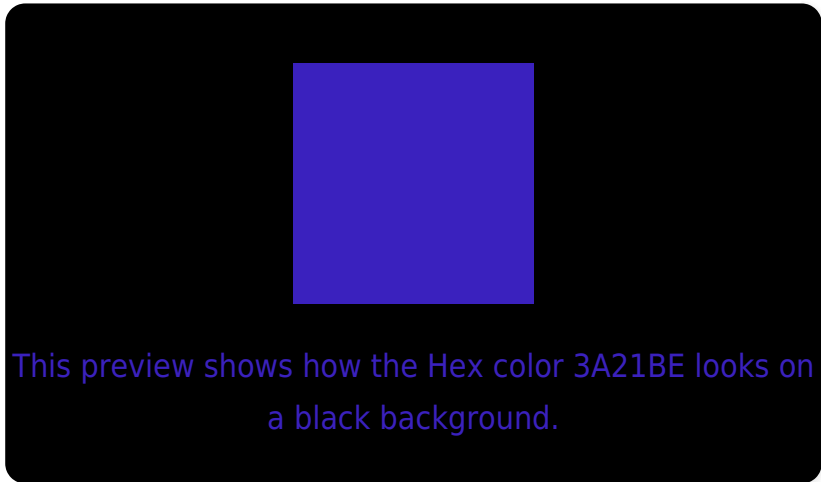
Large Text (above 18pt) WCAG AA ✓ Pass

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

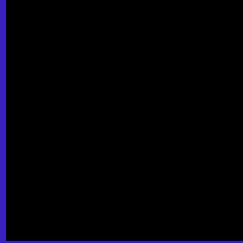
Any Text WCAG AA × Fail

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 3A21BE Background



This preview shows how black text looks on a background with the Hex color 3A21BE.

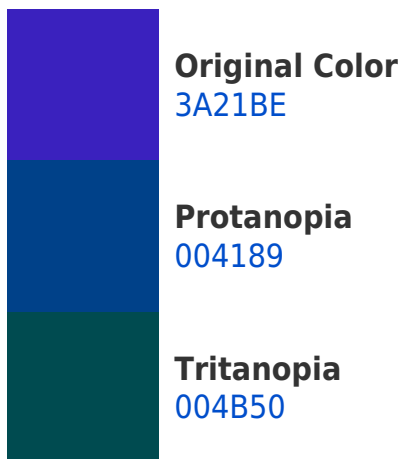


This preview shows how white text looks on a background with the Hex color 3A21BE.

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
3A21BE

Protanomaly
15359C

Tritanomaly
153C78

Monochromacy



Original Color
3A21BE

Achromatopsia
3A3A3A

Achromatomaly
3A316A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A21BE 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 #3A21BE looks like.

```
.text, #text, p{  
    color:#3A21BE  
}
```

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 #3A21BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A21BE
}
```

Border

The CSS property to change the border of an element to Hex 3A21BE 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
#3A21BE }
```

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

```
.border{ border-color:#3A21BE }
```

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

Here you see how a box with a 4 pixel #3A21BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A21BE; -webkit-box-shadow:4px 4px  
4px 4px #3A21BE; box-shadow:4px 4px 4px  
4px #3A21BE }
```

Background

The CSS property to change the background color of an element to Hex 3A21BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A21BE }
```

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

```
.background{ background-color:#3A21BE }
```

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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