

Converting Colors

Hex(3826BF)

Have a look what the booklet for
Hex(3826BF) contains.

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Color

Hex(3826BF)

Conversions

Conversions Part 1

Format	Color
Hex	3826BF
RGB	56, 38, 191
RGB Percent	22%, 15%, 75%
CMY	0.7804, 0.8510, 0.2510
CMYK	0.71, 0.80, 0.00, 0.25
HSL	247°, 67%, 45%
HSV	247°, 80%, 75%
XYZ	11.7280, 5.9886, 49.8280
YIQ	60.8240, -38.3850, 51.3990

Conversions

Conversions Part 2

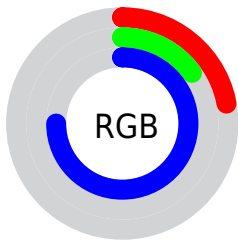
Format	Color
R_{YB}	56, 38, 191
Decimal	3679935
CIE _{Lab}	29.38, 53.30, -75.88
CIE _{LCh}	29, 92.728, 305.089
Yxy	5.9886, 0.1736, 0.0887
Android (android.graphics.Color)	4281870015 (0xFF3826BF)
YUV	60.8240, 64.1768, -4.2306
Hunter-Lab	24.4715, 42.7208, -103.5938

Details

The Hex color **3826BF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **ADB26**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7B58F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **2713BF**, and if you desaturate by 10%, it is **4939BF**.

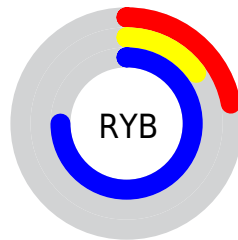
Distribution



Red (22%)

Green (15%)

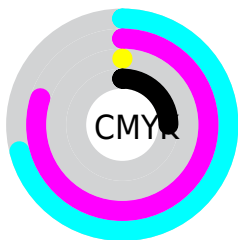
Blue (75%)



Red (22%)

Yellow (15%)

Blue (75%)

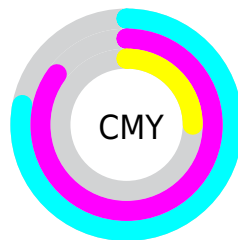


Cyan (71%)

Magenta (80%)

Yellow (0%)

Black (25%)



Cyan (78%)

Magenta (85%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3826BF 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 3826BF by changing the saturation by 10% instead.

 3826BF

 3826BF

FFFFFF

 000BA3

 7B58F9

 000088

 9971FF

 00006E

 B88BFF

 000654

 D6A6FF

 00063C

 F5C2FF

 000225

 FFDEFF

 00010E

 FFFBFF

 000000

 3826BF

 3826BF

■ 2713BF

■ 4939BF

■ 1600BF

■ 5A4CBF

■ 6B5FBF

■ 7B72BF

■ 8C85BF

■ 9D99BF

■ AEACBF

■ BFBFBF

■ D0D2BF

Harmonies

Analogous

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



004FDB



3826BF



9D0084

Triad

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



3826BF



832300



005C51

Complementary

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



3826BF



ADBF26

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.



005A00



3826BF



4B4700

Square

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



3826BF



AA0000



005500



005E98

Rectangle

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



3826BF



B30055



005500



005C37

Sweetspot

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



3826BF



C3BCF7



26ADBF



5D597D



FCFCFC



7D7D7D

Same Dimension

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



3826BF



260AF7



8426BF



56555E



13009E



04001F

Inverse Universe

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



BF26AD



F70ADB



61BF26



5E555D



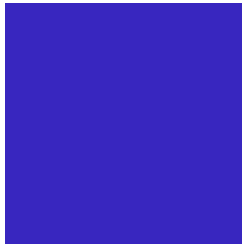
9E008C



1F001B

Previews

White Background



This preview shows how the Hex color 3826BF looks on a white background.

Color Contrast Check

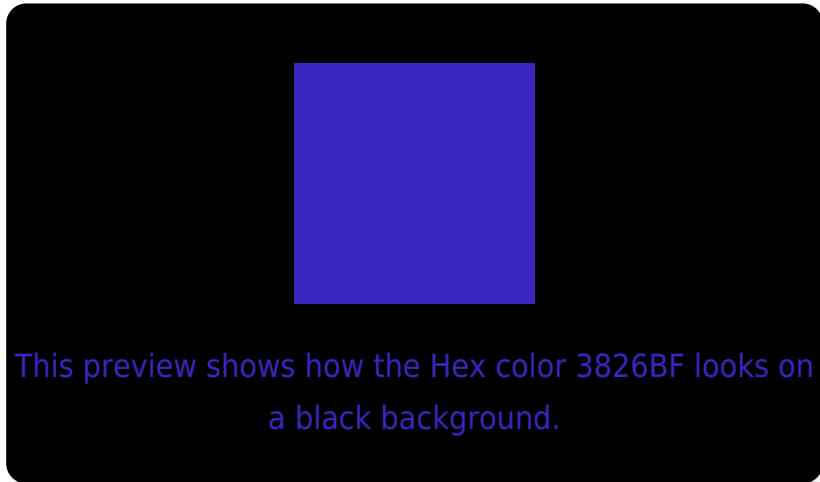
Large Text (above 18pt) WCAG AA ✓ Pass

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

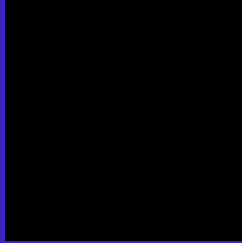
Any Text WCAG AA × Fail

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 3826BF Background



This preview shows how black text looks on a background with the Hex color 3826BF.

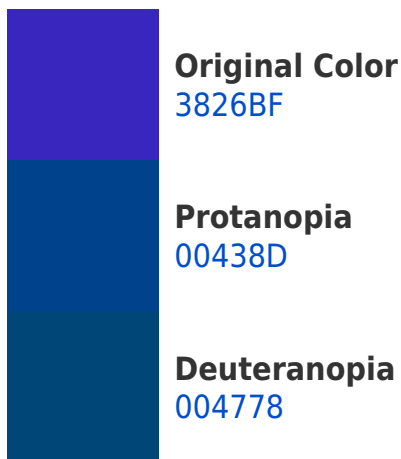


This preview shows how white text looks on a background with the Hex color 3826BF.

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
3826BF

Protanomaly
14389F

Deuteranomaly
143B92

Tritanomaly
143F7A

Monochromacy



Original Color
3826BF

Achromatopsia
3D3D3D

Achromatomaly
3B356C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3826BF 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 #3826BF looks like.

```
.text, #text, p{  
    color:#3826BF  
}
```

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 #3826BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3826BF
}
```

Border

The CSS property to change the border of an element to Hex 3826BF 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
#3826BF }
```

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

```
.border{ border-color:#3826BF }
```

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

Here you see how a box with a 4 pixel #3826BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3826BF; -webkit-box-shadow:4px 4px  
4px 4px #3826BF; box-shadow:4px 4px 4px  
4px #3826BF }
```

Background

The CSS property to change the background color of an element to Hex 3826BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3826BF }
```

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

```
.background{ background-color:#3826BF }
```

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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