

Converting Colors

Hex(3826C4)

Have a look what the booklet for
Hex(3826C4) contains.

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Color

Hex(3826C4)

Conversions

Conversions Part 1

Format	Color
Hex	3826C4
RGB	56, 38, 196
RGB Percent	22%, 15%, 77%
CMY	0.7804, 0.8510, 0.2314
CMYK	0.71, 0.81, 0.00, 0.23
HSL	247°, 68%, 46%
HSV	247°, 81%, 77%
XYZ	12.2878, 6.2125, 52.7760
YIQ	61.3940, -39.9900, 52.9540

Conversions

Conversions Part 2

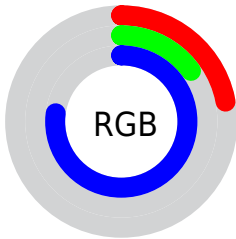
Format	Color
R_{YB}	56, 38, 196
Decimal	3679940
CIE _{Lab}	29.94, 54.79, -77.89
CIE _{LCh}	30, 95.236, 305.125
Yxy	6.2125, 0.1724, 0.0872
Android (android.graphics.Color)	4281870020 (0xFF3826C4)
YUV	61.3940, 66.3608, -4.7305
Hunter-Lab	24.9249, 44.3808, -108.0934

Details

The Hex color **3826C4** 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 **B2C426**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7C58FE**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **2712C4**, and if you desaturate by 10%, it is **493AC4**.

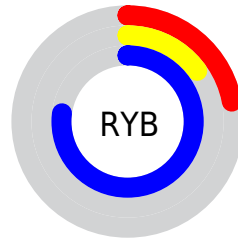
Distribution



Red (22%)

Green (15%)

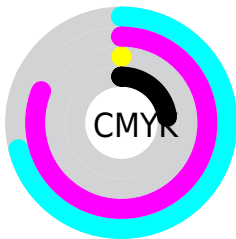
Blue (77%)



Red (22%)

Yellow (15%)

Blue (77%)

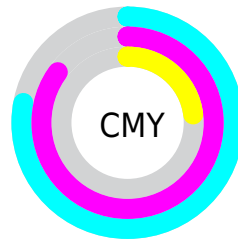


Cyan (71%)

Magenta (81%)

Yellow (0%)

Black (23%)



Cyan (78%)

Magenta (85%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3826C4 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 3826C4 by changing the saturation by 10% instead.

 3826C4

 3826C4

FFFFFF

 000BA8

 7C58FE

 00008D

 9B71FF

 000072

 B98CFF

 000458

 D8A7FF

 000740

 F6C3FF

 000329

 FFDFFF

 000113

 FFFCFF

 000000

 3826C4

 3826C4

■ 2712C4

■ 493AC4

■ 1600C4

■ 5B4DC4

■ 6C61C4

■ 7D74C4

■ 8F88C4

■ A09CC4

■ B2AFC4

■ C3C3C4

■ D4D6C4

Harmonies

Analogous

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



0051E1



3826C4



A10087

Triad

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



3826C4



862300



005E52

Complementary

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



3826C4



B2C426

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



3826C4



4C4900

Square

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



3826C4



AE0000



005700



00609C

Rectangle

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



3826C4



B80056



005700



005D38

Sweetspot

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



3826C4



C9C2FF



26B4C4



5F5B80



000000



808080

Same Dimension

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



3826C4



2408FF



8526C4



585761



1200A1



040021

Inverse Universe

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



C426B2



FF08E3



65C426



615760



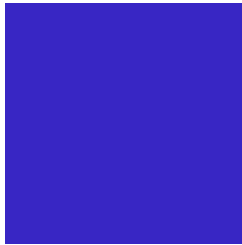
A1008E



21001D

Previews

White Background



This preview shows how the Hex color 3826C4 looks on a white background.

Color Contrast Check

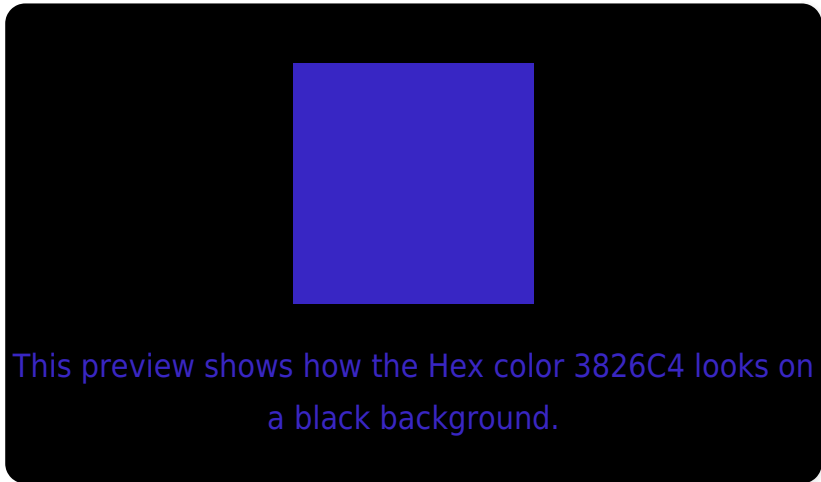
Large Text (above 18pt) WCAG AA ✓ Pass

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

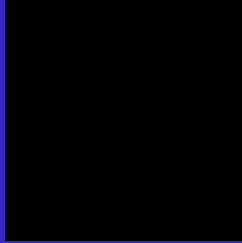
Any Text WCAG AA × Fail

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 3826C4 Background



This preview shows how black text looks on a background with the Hex color 3826C4.



This preview shows how white text looks on a background with the Hex color 3826C4.

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
3826C4

Protanopia
00448F

Deuteranopia
00497A



Tritanopia
004E53

Trichromacy



Original Color
3826C4

Protanomaly
1439A2

Deuteranomaly
143C95

Tritanomaly
143F7C

Monochromacy



Original Color
3826C4

Achromatopsia
3D3D3D

Achromatomaly
3B356E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3826C4 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 #3826C4 looks like.

```
.text, #text, p{  
    color:#3826C4  
}
```

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 #3826C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3826C4
}
```

Border

The CSS property to change the border of an element to Hex 3826C4 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".

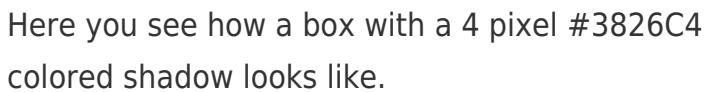
```
.border, #border, table{ border:4px solid
#3826C4 }
```

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

```
.border{ border-color:#3826C4 }
```

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

Here you see how a box with a 4 pixel #3826C4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3826C4; -webkit-box-shadow:4px 4px  
4px 4px #3826C4; box-shadow:4px 4px 4px  
4px #3826C4 }
```

Background

The CSS property to change the background color of an element to Hex 3826C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3826C4 }
```

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

```
.background{ background-color:#3826C4 }
```

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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