

Converting Colors

Hex(3A6BDB)

Have a look what the booklet for
Hex(3A6BDB) contains.

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Color

Hex(3A6BDB)

Conversions

Conversions Part 1

Format	Color
Hex	3A6BDB
RGB	58, 107, 219
RGB Percent	23%, 42%, 86%
CMY	0.7725, 0.5804, 0.1412
CMYK	0.74, 0.51, 0.00, 0.14
HSL	222°, 69%, 54%
HSV	222°, 74%, 86%
XYZ	19.7888, 16.5294, 69.1653
YIQ	105.1170, -65.1560, 24.4440

Conversions

Conversions Part 2

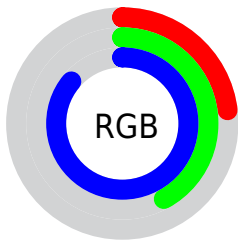
Format	Color
RYB	58, 96, 219
Decimal	3828699
CIELab	47.66, 21.94, -62.16
CIElCh	48, 65.923, 289.441
Yxy	16.5294, 0.1876, 0.1567
Android (android.graphics.Color)	4282018779 (0xFF3A6BDB)
YUV	105.1170, 56.1443, -41.3216
Hunter-Lab	40.6564, 15.7332, -72.4058

Details

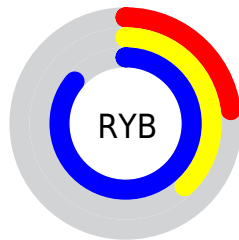
The Hex color **3A6BDB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **DBAA3A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7D9EFF**, and **003DA3** is the 20% darker color. If you saturate the color by 10%, you get **245CDB**, and if you desaturate by 10%, it is **507ADB**.

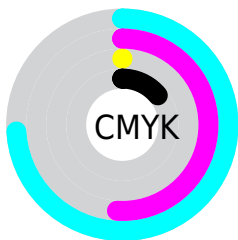
Distribution



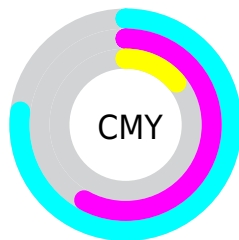
- Red (23%)
- Green (42%)
- Blue (86%)



- Red (23%)
- Yellow (38%)
- Blue (86%)



- Cyan (74%)
- Magenta (51%)
- Yellow (0%)
- Black (14%)



- Cyan (77%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6BDB 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 3A6BDB by changing the saturation by 10% instead.

 3A6BDB

 3A6BDB

FFFFFF

 0053BF

 7D9EFF

 003DA3

 9CB9FF

 002888

 BAD4FF

 00166E

 D9F0FF

 000255

 F7FFFF

 00063D

 000326

 00010F

 000000

 3A6BDB

 3A6BDB

 245CDB

 507ADB

 0E4DDB

 6689DB

 0043DB

 7C99DB

 92A8DB

 A8B7DB

 BDC6DB

 D3D6DB

 E9E5DB

 FFF4DB

Harmonies

Analogous

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



007EDF



3A6BDB



9F4FBA

Triad

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



3A6BDB



BF4E1A



00885B

Complementary

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



3A6BDB



DBAA3A

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.



0C8320



3A6BDB



996800

Square

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



3A6BDB



D13350



677900



008A95

Rectangle

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



3A6BDB



BF3B99



677900



008747

Sweetspot

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



3A6BDB



C7D8FF



3ADBA8



5E6880



000000



808080

Same Dimension

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



3A6BDB



1F63FF



583ADB



63666E



0035AD



000E2E

Inverse Universe

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



DB3A6B



FF1F63



BDDB3A



6E6366



AD0035



2E000E

Previews

White Background



This preview shows how the Hex color 3A6BDB 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 × Fail

Black Background



This preview shows how the Hex color 3A6BDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

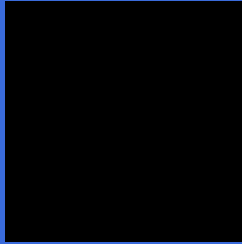
Any Text WCAG AA × Fail

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 3A6BDB Background



This preview shows how black text looks on a background with the Hex color 3A6BDB.



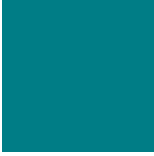
This preview shows how white text looks on a background with the Hex color 3A6BDB.

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](#).

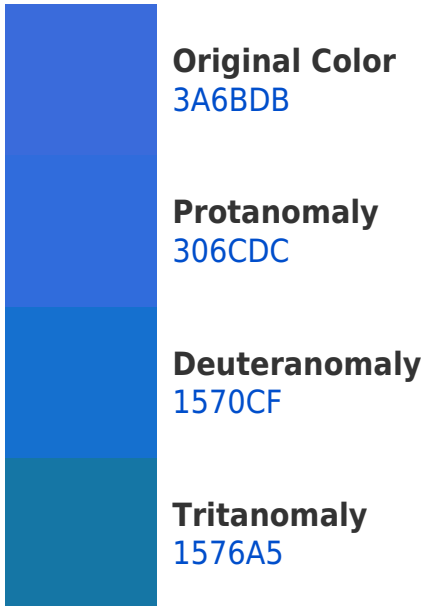
Dichromacy





Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6BDB 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 #3A6BDB looks like.

```
.text, #text, p{  
    color:#3A6BDB  
}
```

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 #3A6BDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6BDB
}
```

Border

The CSS property to change the border of an element to Hex 3A6BDB 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
#3A6BDB }
```

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

```
.border{ border-color:#3A6BDB }
```

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

Here you see how a box with a 4 pixel #3A6BDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6BDB; -webkit-box-shadow:4px 4px  
4px 4px #3A6BDB; box-shadow:4px 4px 4px  
4px #3A6BDB }
```

Background

The CSS property to change the background color of an element to Hex 3A6BDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6BDB }
```

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

```
.background{ background-color:#3A6BDB }
```

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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