

Converting Colors

Hex(246BDB)

Have a look what the booklet for
Hex(246BDB) contains.

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Color

Hex(246BDB)

Conversions

Conversions Part 1

Format	Color
Hex	246BDB
RGB	36, 107, 219
RGB Percent	14%, 42%, 86%
CMY	0.8588, 0.5804, 0.1412
CMYK	0.84, 0.51, 0.00, 0.14
HSL	217°, 72%, 50%
HSV	217°, 84%, 86%
XYZ	18.7714, 16.0049, 69.1177
YIQ	98.5390, -78.2680, 19.7800

Conversions

Conversions Part 2

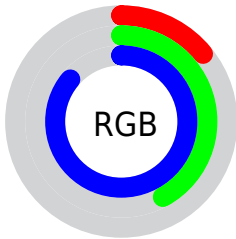
Format	Color
RYB	36, 87, 219
Decimal	2386907
CIELab	46.98, 19.71, -63.30
CIELCh	47, 66.295, 287.293
Yxy	16.0049, 0.1807, 0.1541
Android (android.graphics.Color)	4280576987 (0xFF246BDB)
YUV	98.5390, 59.3873, -54.8467
Hunter-Lab	40.0062, 13.7438, -74.4297

Details

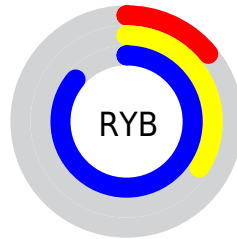
The Hex color **246BDB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DB9424**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **719EFF**, and **003DA3** is the 20% darker color. If you saturate the color by 10%, you get **0E5EDB**, and if you desaturate by 10%, it is **3A78DB**.

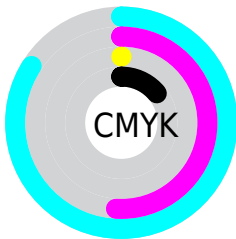
Distribution



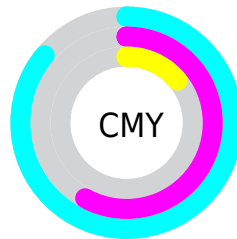
- Red (14%)
- Green (42%)
- Blue (86%)



- Red (14%)
- Yellow (34%)
- Blue (86%)



- Cyan (84%)
- Magenta (51%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246BDB 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 246BDB by changing the saturation by 10% instead.

 246BDB

 246BDB

FFFFFF

 0053BF

 719EFF

 003DA3

 91B8FF

 002888

 AFD4FF

 00176E


 CEF0FF

 000655

 EDFFFF

 00063D

 000226

 00010F

 000000

■ 246BDB

■ 246BDB

■ 0E5EDB

■ 3A78DB

■ 0055DB

■ 5086DB

■ 6693DB

■ 7CA1DB

■ 92AEDB

■ A7BBDB

■ BDC9DB

■ D3D6DB

■ E9E4DB

Harmonies

Analogous

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



007DDD



246BDB



994FBC

Triad

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



246BDB



BF4A1C



008655

Complementary

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



246BDB



DB9424

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.



178118



246BDB



9A6400

Square

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



246BDB



D02E52



697700



00888F

Rectangle

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



246BDB



BB3A9C



697700



008541

Sweetspot

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



246BDB



BFD8FF



24DB92



596880



000000



808080

Same Dimension

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



246BDB



0063FF



3624DB



63676E



0043AD



00122E

Inverse Universe

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



DB246B



FF0063



C9DB24



6E6367



AD0043



2E0012

Previews

White Background



This preview shows how the Hex color 246BDB looks on a white background.

Color Contrast Check

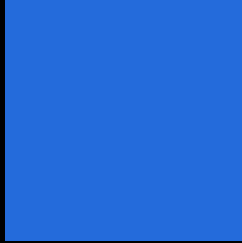
Large Text (above 18pt) WCAG AA ✓ Pass

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 246BDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

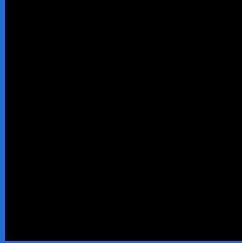
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

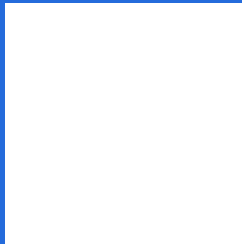
Any Text WCAG AAA × Fail

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

Hex 246BDB Background



This preview shows how black text looks on a background with the Hex color 246BDB.



This preview shows how white text looks on a background with the Hex color 246BDB.

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
246BDB

Protanomaly
266BDB

Deuteranomaly
0D6FCD

Monochromacy



Original Color
246BDB

Achromatopsia
636363

Achromatomaly
4C668F

CSS Examples

Text

The CSS property to change the color of the text to Hex 246BDB 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 #246BDB looks like.

```
.text, #text, p{  
    color:#246BDB  
}
```

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 #246BDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246BDB
}
```

Border

The CSS property to change the border of an element to Hex 246BDB is called "border". The border property can be set on classes, ids or directly on the HTML element.

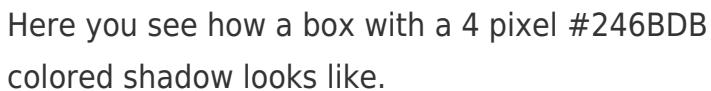
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#246BDB }
```

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

```
.border{ border-color:#246BDB }
```

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



Here you see how a box with a 4 pixel #246BDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246BDB; -webkit-box-shadow:4px 4px  
4px 4px #246BDB; box-shadow:4px 4px 4px  
4px #246BDB }
```

Background

The CSS property to change the background color of an element to Hex 246BDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246BDB }
```

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

```
.background{ background-color:#246BDB }
```

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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