

Converting Colors

Hex(3160DB)

Have a look what the booklet for
Hex(3160DB) contains.

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Color

Hex(3160DB)

Conversions

Conversions Part 1

Format	Color
Hex	3160DB
RGB	49, 96, 219
RGB Percent	19%, 38%, 86%
CMY	0.8078, 0.6235, 0.1412
CMYK	0.78, 0.56, 0.00, 0.14
HSL	223°, 70%, 53%
HSV	223°, 78%, 86%
XYZ	18.2357, 14.1332, 68.7847
YIQ	95.9690, -67.4950, 28.2890

Conversions

Conversions Part 2

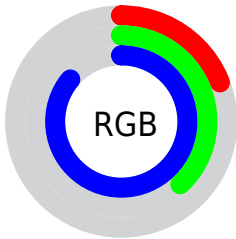
Format	Color
R_{YB}	49, 86, 219
Decimal	3236059
CIE _{Lab}	44.42, 27.93, -67.43
CIE _{LCh}	44, 72.988, 292.502
Yxy	14.1332, 0.1803, 0.1397
Android (android.graphics.Color)	4281426139 (0xFF3160DB)
YUV	95.9690, 60.6543, -41.1918
Hunter-Lab	37.5941, 20.7948, -82.1650

Details

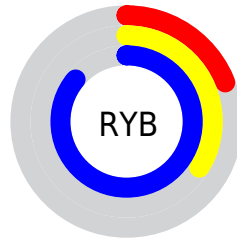
The Hex color **3160DB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **DBAC31**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7892FF**, and **0033A3** is the 20% darker color. If you saturate the color by 10%, you get **1B50DB**, and if you desaturate by 10%, it is **4770DB**.

Distribution



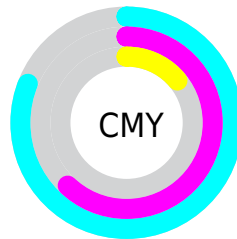
- Red (19%)
- Green (38%)
- Blue (86%)



- Red (19%)
- Yellow (34%)
- Blue (86%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)
- Black (14%)




- Cyan (81%)
- Magenta (62%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3160DB 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 3160DB by changing the saturation by 10% instead.

 3160DB

 3160DB

FFFFFF

 0049BF

 7892FF

 0033A3

 97ACFF

 001F88

 B6C8FF

 000C6E

 D5E4FF

 000954

 F4FFFF

 00063C

 000226

 00010E

 000000

■ 3160DB

■ 3160DB

■ 1B50DB

■ 4770DB

■ 0540DB

■ 5D80DB

■ 003DDB

■ 7390DB

■ 899FDB

■ 9FAFDB

■ B4BFDB

■ CACFDB

■ E0DFDB

■ F6EFDB

Harmonies

Analogous

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



0076E3



3160DB



A13DB4

Triad

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



3160DB



B74300



008157

Complementary

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



3160DB



DBAC31

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.



007D10



3160DB



8D6100

Square

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



3160DB



CF163F



547300



008396

Rectangle

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



3160DB



C11C8F



547300



008042

Sweetspot

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



3160DB



C4D5FF



31DBAB



5C6680



000000



808080

Same Dimension

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



3160DB



1253FF



5631DB



63666E



0030AD



000D2E

Inverse Universe

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



DB3160



FF1253



B6DB31



6E6366



AD0030



2E000D

Previews

White Background



This preview shows how the Hex color 3160DB looks on a white background.

Color Contrast Check

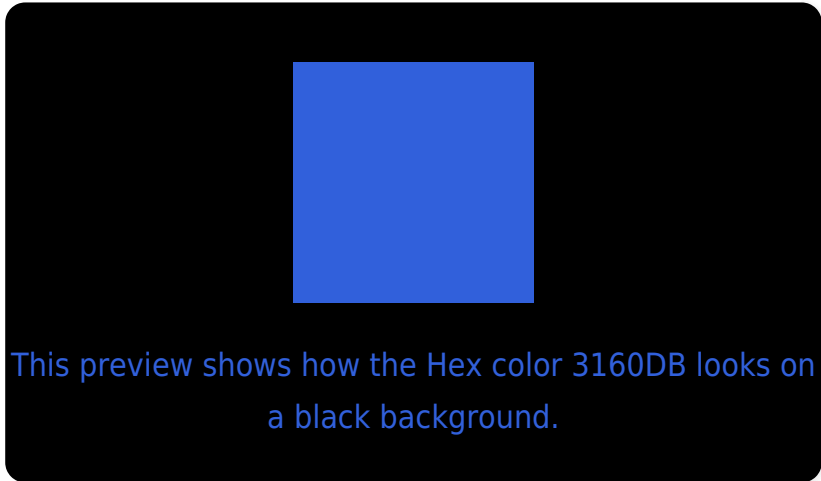
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

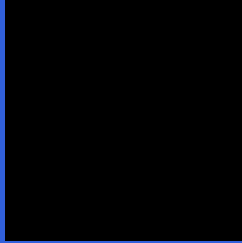
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

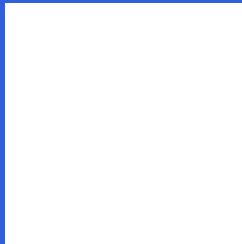
Any Text WCAG AAA × Fail

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

Hex 3160DB Background



This preview shows how black text looks on a background with the Hex color 3160DB.



This preview shows how white text looks on a background with the Hex color 3160DB.

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
3160DB

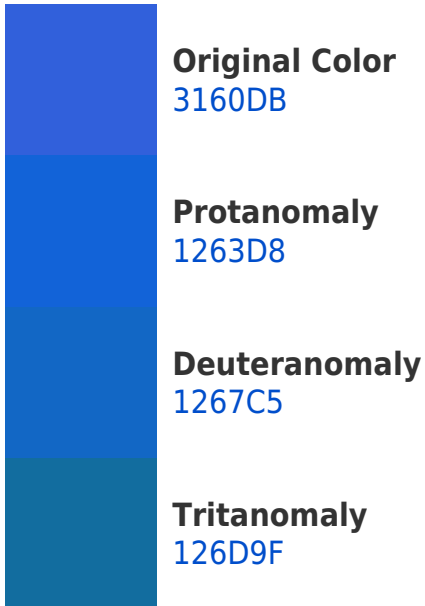
Protanopia
0064D6

Deuteranopia
006BB8

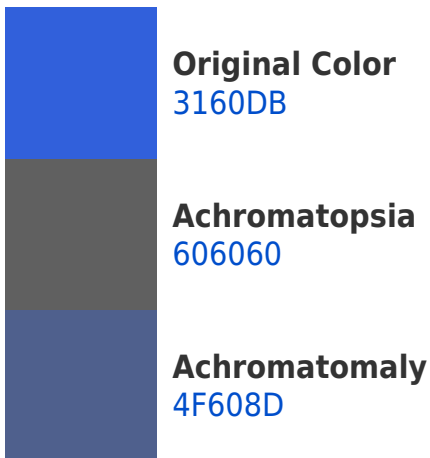


Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3160DB 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 #3160DB looks like.

```
.text, #text, p{  
    color:#3160DB  
}
```

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 #3160DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3160DB  
}
```

Border

The CSS property to change the border of an element to Hex 3160DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

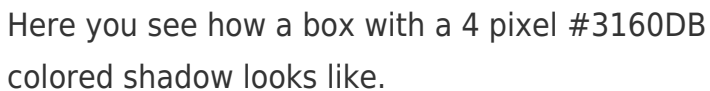
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3160DB }
```

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

```
.border{ border-color:#3160DB }
```

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



Here you see how a box with a 4 pixel #3160DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3160DB; -webkit-box-shadow:4px 4px  
4px 4px #3160DB; box-shadow:4px 4px 4px  
4px #3160DB }
```

Background

The CSS property to change the background color of an element to Hex 3160DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3160DB }
```

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

```
.background{ background-color:#3160DB }
```

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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