

Converting Colors

Hex(3160CE)

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

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Color

Hex(3160CE)

Conversions

Conversions Part 1

Format	Color
Hex	3160CE
RGB	49, 96, 206
RGB Percent	19%, 38%, 81%
CMY	0.8078, 0.6235, 0.1922
CMYK	0.76, 0.53, 0.00, 0.19
HSL	222°, 62%, 50%
HSV	222°, 76%, 81%
XYZ	16.5901, 13.4749, 60.1191
YIQ	94.4870, -63.3220, 24.2460

Conversions

Conversions Part 2

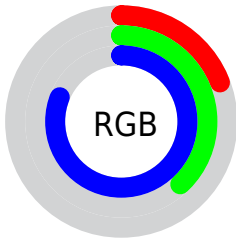
Format	Color
R_{YB}	49, 85, 206
Decimal	3236046
CIE _{Lab}	43.47, 23.09, -61.54
CIE _{LCh}	43, 65.732, 290.568
Yxy	13.4749, 0.1840, 0.1494
Android (android.graphics.Color)	4281426126 (0xFF3160CE)
YUV	94.4870, 54.9759, -39.8921
Hunter-Lab	36.7082, 16.4326, -71.4067

Details

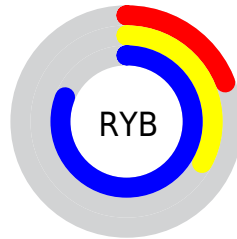
The Hex color **3160CE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CE9F31**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7592FF**, and **003397** is the 20% darker color. If you saturate the color by 10%, you get **1C52CE**, and if you desaturate by 10%, it is **466ECE**.

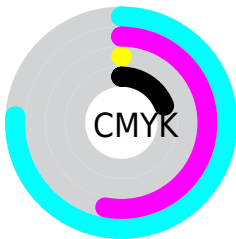
Distribution



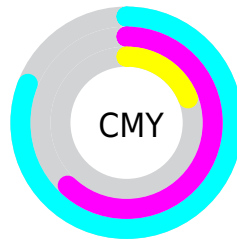
- Red (19%)
- Green (38%)
- Blue (81%)



- Red (19%)
- Yellow (33%)
- Blue (81%)



- Cyan (76%)
- Magenta (53%)
- Yellow (0%)
- Black (19%)





- Cyan (81%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 3160CE

 3160CE

FFFFFF

 0049B2

 7592FF

 003397

 94ACFF

 001F7C

 B2C8FF

 000A63

 D0E3FF


 00094A


 EFFFFFF

 000432

 00021C

 000000

 3160CE

 3160CE

■ 1C52CE

■ 466ECE

■ 0843CE

■ 5A7DCE

■ 003ECE

■ 6F8BCE

■ 839ACE

■ 98A8CE

■ ADB7CE

■ C1C5CE

■ D6D3CE

■ EAE2CE

Harmonies

Analogous

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



0073D3



3160CE



9543AD

Triad

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



3160CE



B0440C



007D53

Complementary

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



3160CE



CE9F31

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.



007917



3160CE



8B5E00

Square

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



3160CE



C42644



596F00



007E8C

Rectangle

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



3160CE



B42D8C



596F00



007C40

Sweetspot

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



3160CE



C4D6FF



31CE9F



5C6680



000000



808080

Same Dimension

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



3160CE



175CFF



5031CE



5C5F66



0032A6



000B26

Inverse Universe

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



CE3160



FF175C



AFCE31



665C5F



A60032



26000B

Previews

White Background



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

Color Contrast Check

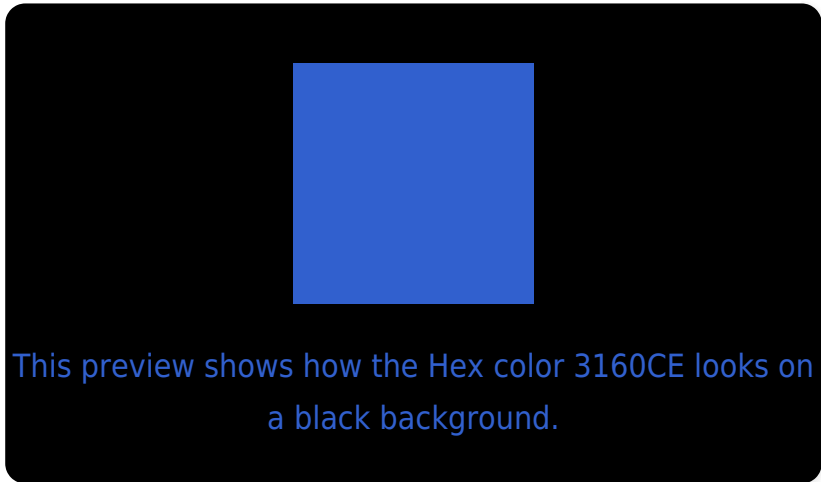
Large Text (above 18pt) WCAG AA ✓ Pass

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

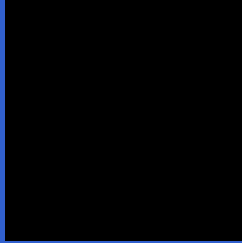
Any Text WCAG AA × Fail

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 3160CE Background



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



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

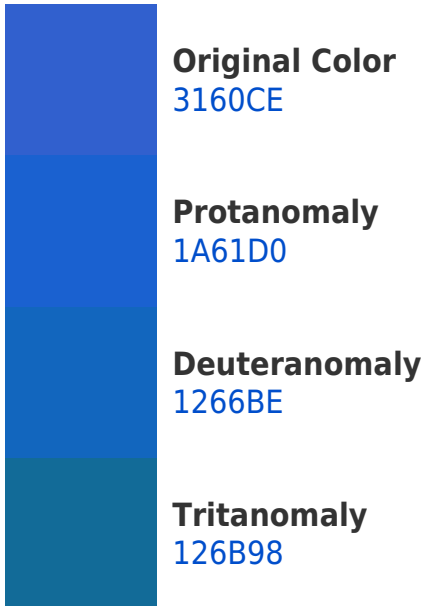
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

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

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

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 #3160CE colored shadow looks like.

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

Border

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

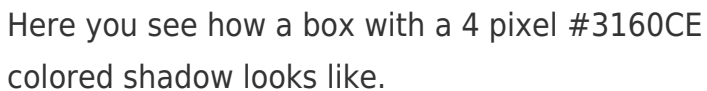
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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