

Converting Colors

Hex(3150BA)

Have a look what the booklet for
Hex(3150BA) contains.

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Color

Hex(3150BA)

Conversions

Conversions Part 1

Format	Color
Hex	3150BA
RGB	49, 80, 186
RGB Percent	19%, 31%, 73%
CMY	0.8078, 0.6863, 0.2706
CMYK	0.74, 0.57, 0.00, 0.27
HSL	226°, 58%, 46%
HSV	226°, 74%, 73%
XYZ	12.9982, 9.9355, 47.6870
YIQ	82.8150, -52.5020, 26.3940

Conversions

Conversions Part 2

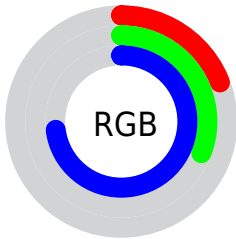
Format	Color
R_{YB}	49, 74, 186
Decimal	3231930
CIE _{Lab}	37.73, 26.02, -59.25
CIE _{LCh}	38, 64.715, 293.712
Yxy	9.9355, 0.1841, 0.1407
Android (android.graphics.Color)	4281422010 (0xFF3150BA)
YUV	82.8150, 50.8702, -29.6558
Hunter-Lab	31.5206, 18.4475, -67.6346




Details

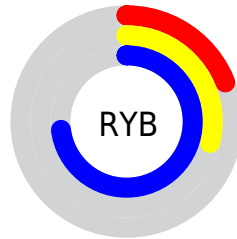
The Hex color **3150BA** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BA9B31**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **7281F3**, and **002584** is the 20% darker color. If you saturate the color by 10%, you get **1E42BA**, and if you desaturate by 10%, it is **445EBA**.

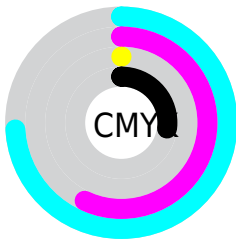
Distribution







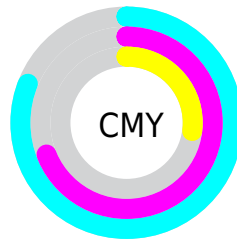
-  Red (19%)
-  Green (31%)
-  Blue (73%)






-  Red (19%)
-  Yellow (29%)
-  Blue (73%)



-  Cyan (74%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (27%)





-  Cyan (81%)
-  Magenta (69%)
-  Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3150BA 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 3150BA by changing the saturation by 10% instead.

 3150BA

 3150BA

FFFFFF

 00399F

 7281F3

 002584

 8F9BFF

 00126A

 ADB5FF

 000051

 CBD1FF


 000539


 E9EDFF

 000222

 000009

 000000

 3150BA

 3150BA

■ 1E42BA

■ 445EBA

■ 0C33BA

■ 566DBA

■ 002ABA

■ 697BBA

■ 7B8ABA

■ 8E98BA

■ A1A6BA

■ B3B5BA

■ C6C3BA

■ D8D2BA

Harmonies

Analogous

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



0063C2



3150BA



8B3198

Triad

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



3150BA



9B3A00



006E4C

Complementary

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



3150BA



BA9B31

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.



006A10



3150BA



765300

Square

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



3150BA



B01433



456200



006F82

Rectangle

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



3150BA



A61577



456200



006D39

Sweetspot

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



3150BA



BDC9F2



31BA9A



5B627A



FAFAFA



7A7A7A

Same Dimension

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



3150BA



1D4DF2



5631BA



53555C



00239C



00061C

Inverse Universe

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



BA3150



F21D4D



95BA31



5C5355



9C0023



1C0006

Previews

White Background



This preview shows how the Hex color 3150BA looks on a white background.

Color Contrast Check

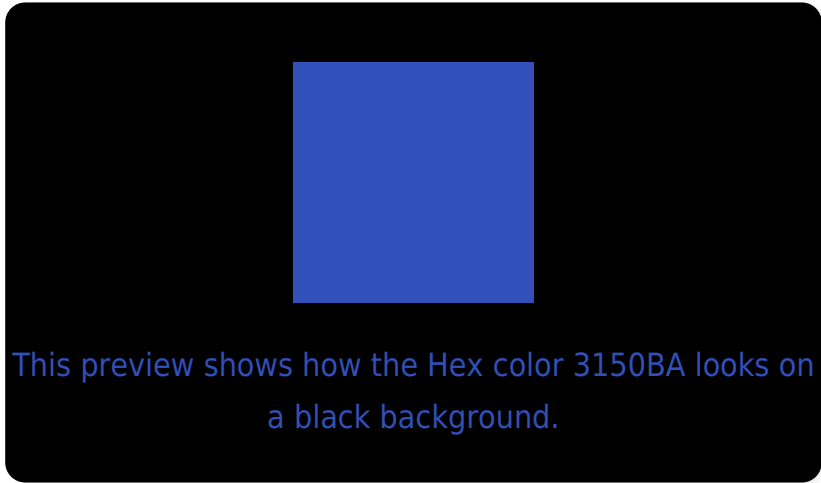
Large Text (above 18pt) WCAG AA ✓ Pass

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 3150BA Background



This preview shows how black text looks on a background with the Hex color 3150BA.



This preview shows how white text looks on a background with the Hex color 3150BA.

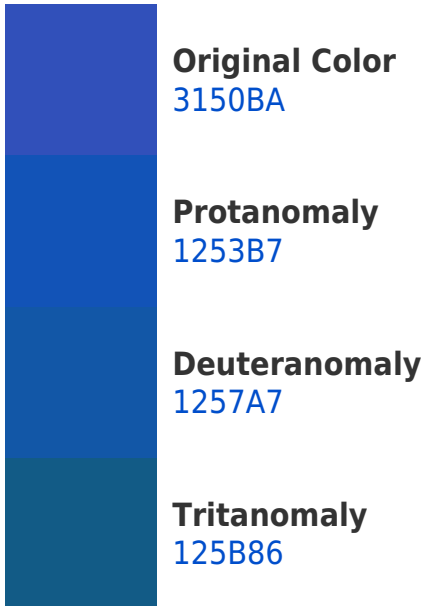
Color Blindness Simulation

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](#).

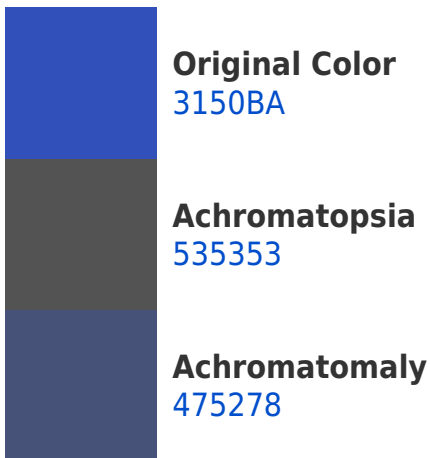
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3150BA 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 #3150BA looks like.

```
.text, #text, p{  
    color:#3150BA  
}
```

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 #3150BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3150BA
}
```

Border

The CSS property to change the border of an element to Hex 3150BA 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
#3150BA }
```

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

```
.border{ border-color:#3150BA }
```

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

Here you see how a box with a 4 pixel #3150BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3150BA; -webkit-box-shadow:4px 4px  
4px 4px #3150BA; box-shadow:4px 4px 4px  
4px #3150BA }
```

Background

The CSS property to change the background color of an element to Hex 3150BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3150BA }
```

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

```
.background{ background-color:#3150BA }
```

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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