

Converting Colors

Hex(3157D7)

Have a look what the booklet for
Hex(3157D7) contains.

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Color

Hex(3157D7)

Conversions

Conversions Part 1

Format	Color
Hex	3157D7
RGB	49, 87, 215
RGB Percent	19%, 34%, 84%
CMY	0.8078, 0.6588, 0.1569
CMYK	0.77, 0.60, 0.00, 0.16
HSL	226°, 67%, 52%
HSV	226°, 77%, 84%
XYZ	16.9406, 12.3757, 65.7859
YIQ	90.2300, -63.7360, 31.7520

Conversions

Conversions Part 2

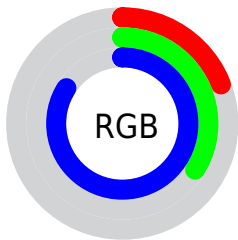
Format	Color
R_{YB}	49, 80, 215
Decimal	3233751
CIE _{Lab}	41.81, 32.22, -69.41
CIE _{LCh}	42, 76.523, 294.898
Yxy	12.3757, 0.1781, 0.1301
Android (android.graphics.Color)	4281423831 (0xFF3157D7)
YUV	90.2300, 61.5116, -36.1587
Hunter-Lab	35.1790, 24.3938, -86.2487

Details

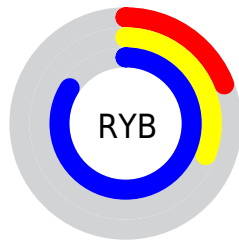
The Hex color **3157D7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **D7B131**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7888FF**, and **002B9F** is the 20% darker color. If you saturate the color by 10%, you get **1C46D7**, and if you desaturate by 10%, it is **4768D7**.

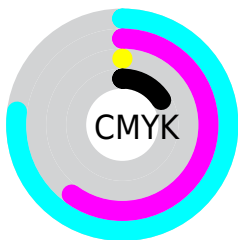
Distribution



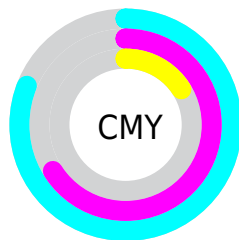
- Red (19%)
- Green (34%)
- Blue (84%)



- Red (19%)
- Yellow (31%)
- Blue (84%)



- Cyan (77%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (66%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3157D7 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 3157D7 by changing the saturation by 10% instead.

■ 3157D7

■ 3157D7

FFFFFF

■ 0040BB

■ 7888FF

■ 002B9F

■ 97A3FF

■ 001884

■ B6BEFF

■ 00006A

■ D4D9FF

■ 000B51

■ F3F6FF

■ 000539

■ 000222

■ 000009

■ 000000

■ 3157D7

■ 3157D7

■ 1C46D7

■ 4768D7

■ 0636D7

■ 5C78D7

■ 0031D7

■ 7289D7

■ 8799D7

■ 9DAAD7

■ B2BAD7

■ C8CBD7

■ DDDCD7

■ F3ECD7

Harmonies

Analogous

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



006FE2



3157D7



A12CAC

Triad

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



3157D7



AF3D00



007B56

Complementary

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



3157D7



D7B131

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.



007708



3157D7



825D00

Square

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



3157D7



C90033



466E00



007C96

Rectangle

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



3157D7



C00085



466E00



007A3F

Sweetspot

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



3157D7



C4D2FF



31D7B0



5C6480



000000



808080

Same Dimension

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



3157D7



1248FF



5D31D7



60636B



0027AB



000A2B

Inverse Universe

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



D73157



FF1248



ABD731



6B6063



AB0027



2B000A

Previews

White Background



This preview shows how the Hex color 3157D7 looks on a white background.

Color Contrast Check

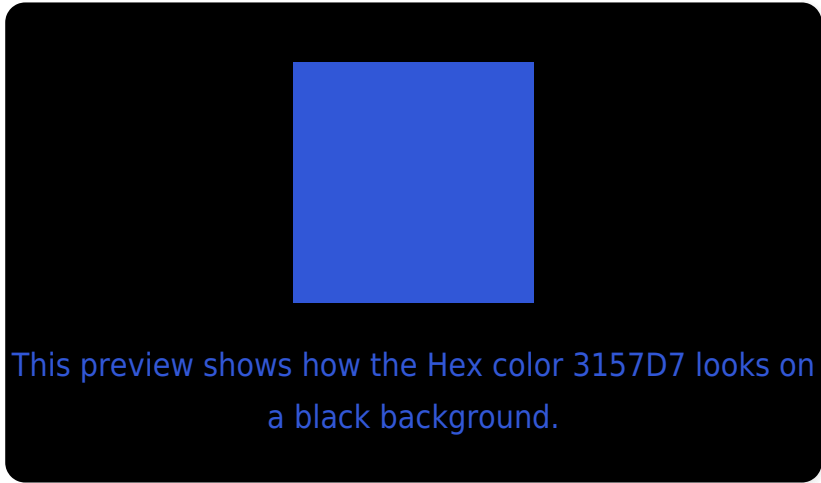
Large Text (above 18pt) WCAG AA ✓ Pass

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

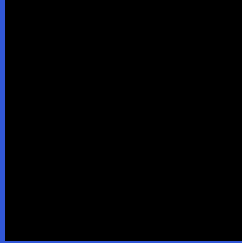
Any Text WCAG AA × Fail

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 3157D7 Background



This preview shows how black text looks on a background with the Hex color 3157D7.

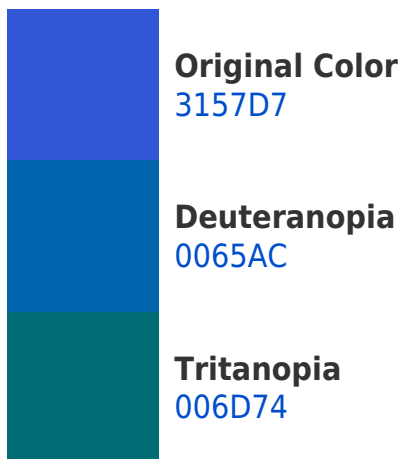


This preview shows how white text looks on a background with the Hex color 3157D7.

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
3157D7

Deuteranomaly
1260BC

Tritanomaly
126598

Monochromacy



Original Color
3157D7

Achromatopsia
5A5A5A

Achromatomaly
4B5987

CSS Examples

Text

The CSS property to change the color of the text to Hex 3157D7 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 #3157D7 looks like.

```
.text, #text, p{  
    color:#3157D7  
}
```

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 #3157D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3157D7
}
```

Border

The CSS property to change the border of an element to Hex 3157D7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

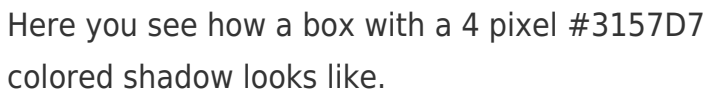
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3157D7 }
```

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

```
.border{ border-color:#3157D7 }
```

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



Here you see how a box with a 4 pixel #3157D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3157D7; -webkit-box-shadow:4px 4px  
4px 4px #3157D7; box-shadow:4px 4px 4px  
4px #3157D7 }
```

Background

The CSS property to change the background color of an element to Hex 3157D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3157D7 }
```

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

```
.background{ background-color:#3157D7 }
```

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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