

# Converting Colors

Hex(3150DE)

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

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# Color

**Hex(3150DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3150DE
RGB	49, 80, 222
RGB Percent	19%, 31%, 87%
CMY	0.8078, 0.6863, 0.1294
CMYK	0.78, 0.64, 0.00, 0.13
HSL	229°, 72%, 53%
HSV	229°, 78%, 87%
XYZ	17.3201, 11.6642, 70.4458
YIQ	86.9190, -64.0580, 37.5900

# Conversions

## Conversions Part 2

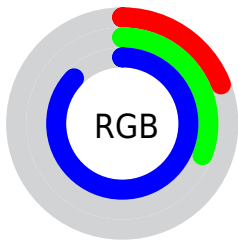
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 75, 222
Decimal	3231966
CIE <sub>Lab</sub>	40.68, 39.17, -75.26
CIE <sub>LCh</sub>	41, 84.844, 297.496
Yxy	11.6642, 0.1742, 0.1173
Android (android.graphics.Color)	4281422046 (0xFF3150DE)
<b>YUV</b>	86.9190, 66.5949, -33.2550
Hunter-Lab	34.1529, 30.7558, -98.3880




# Details

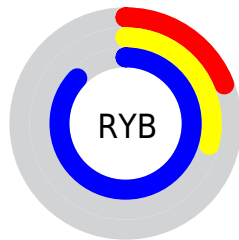
The Hex color **3150DE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **DEBF31**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **7A81FF**, and **0024A6** is the 20% darker color. If you saturate the color by 10%, you get **1B3EDE**, and if you desaturate by 10%, it is **4762DE**.

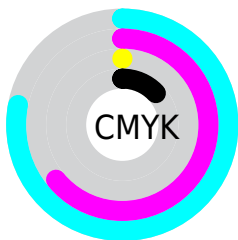
# Distribution







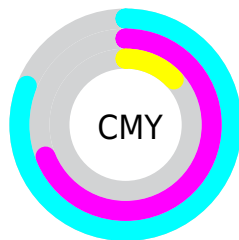
-  Red (19%)
-  Green (31%)
-  Blue (87%)






-  Red (19%)
-  Yellow (29%)
-  Blue (87%)



-  Cyan (78%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (13%)




-  Cyan (81%)
-  Magenta (69%)
-  Yellow (13%)


# Brightness & Saturation Gradients

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



 3150DE

 3150DE

FFFFFF

 0039C1

 7A81FF

 0024A6

 9A9BFF

 00128A

 B9B6FF


 000070

 D8D2FF

 000C56

 F7EEFF

 00063E

 000327

 000111

 000000

■ 3150DE

■ 3150DE

■ 1B3EDE

■ 4762DE

■ 052CDE

■ 5D74DE

■ 0028DE

■ 7487DE

■ 8A99DE

■ A0ABDE

■ B6BDDE

■ CCD0DE

■ E3E2DE

■ F9F4DE

# Harmonies

## Analogous

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



006CEE



3150DE



A90BAC

# Triad

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



3150DE



AE3800



007A58

# Complementary

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



3150DE



DEBF31

# 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.



007600



3150DE



7B5C00

# Square

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



3150DE



CD0025



336E00



007B9F

# Rectangle

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



3150DE



C80080



336E00



00793F



# Sweetspot

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



3150DE



C4CFFF



31DEBE



5C6280



000000



808080



# Same Dimension

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



3150DE



0F3AFF



6831DE



656770



0020B0



000930



# Inverse Universe

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



DE3150



FF0F3A



A7DE31



706567



B00020



300009



# Previews

## White Background



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

## Color Contrast Check

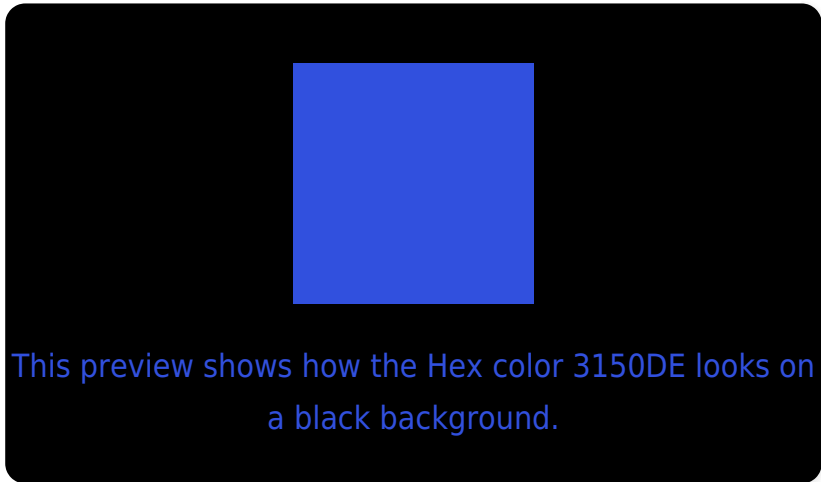
Large Text (above 18pt) WCAG AA ✓ Pass

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

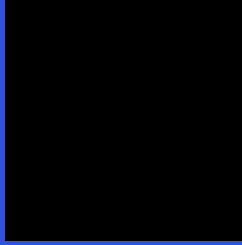
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3150DE Background



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

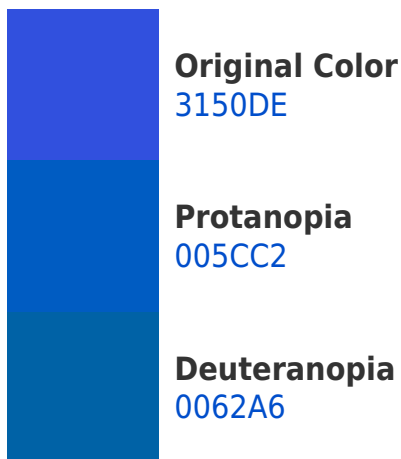


This preview shows how white text looks on a background with the Hex color 3150DE.

# 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**  
3150DE

**Protanomaly**  
1258CC

**Deuteranomaly**  
125BBA

# Monochromacy



**Original Color**  
3150DE

**Achromatopsia**  
575757

**Achromatomaly**  
495488

# CSS Examples

## Text

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

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

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 #3150DE colored shadow looks like.

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

## Border

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

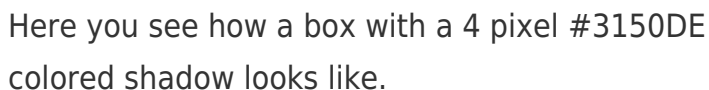
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3150DE }
```

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

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

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



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

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

# Background

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

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

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

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

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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