

Converting Colors

Hex(3100D5)

Have a look what the booklet for
Hex(3100D5) contains.

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Color

Hex(3100D5)

Conversions

Conversions Part 1

Format	Color
Hex	3100D5
RGB	49, 0, 213
RGB Percent	19%, 0%, 84%
CMY	0.8078, 1.0000, 0.1647
CMYK	0.77, 1.00, 0.00, 0.16
HSL	254°, 100%, 42%
HSV	254°, 100%, 84%
XYZ	13.2769, 5.4571, 63.3043
YIQ	38.9330, -39.1690, 76.6310

Conversions

Conversions Part 2

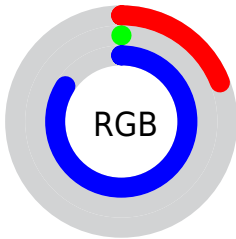
Format	Color
R_{YB}	49, 0, 213
Decimal	3211477
CIE _{Lab}	28.00, 69.78, -91.06
CIE _{LCh}	28, 114.725, 307.462
Yxy	5.4571, 0.1618, 0.0665
Android (android.graphics.Color)	4281401557 (0xFF3100D5)
YUV	38.9330, 85.8150, 8.8288
Hunter-Lab	23.3604, 60.5699, -144.3180

Details

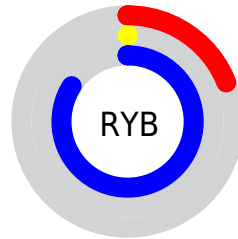
The Hex color **3100D5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A4D500**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7D43FF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **3100D5**, and if you desaturate by 10%, it is **4115D5**.

Distribution



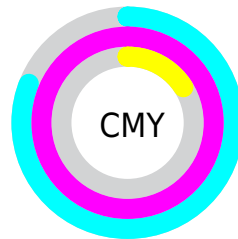
- Red (19%)
- Green (0%)
- Blue (84%)



- Red (19%)
- Yellow (0%)
- Blue (84%)



- Cyan (77%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)
















- Cyan (81%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3100D5 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 3100D5 by changing the saturation by 10% instead.

 3100D5	 3100D5
 FFFFFFFF	 0000B8
 7D43FF	 00009C
 9D5FFF	 000081
 BD7AFF	 000367
 DD95FF	 000A4E
 FCB1FF	 000536
 FFCDFD	 000220
 FFEAFF	 000003
	 000000

 3100D5

 4115D5

 522BD5

 6240D5

 7355D5

 836BD5

 9380D5

 A495D5

 B4AAD5

 C5C0D5

Harmonies

Analogous

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



004FFC



3100D5



B00088

Triad

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



3100D5



841700



005B58

Complementary

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



3100D5



A4D500

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.



005900



3100D5



3E4700

Square

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



3100D5



B50000



005400



005EB0

Rectangle

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



3100D5



C7004E



005400



005A38

Sweetspot

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



3100D5



C4B3FF



00A7D5



5C5280



000000



808080

Same Dimension

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



3100D5



3B00FF



9900D5



63606B



2700AB



0A002B

Inverse Universe

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



D500A4



FF00C4



3CD500



6B6069



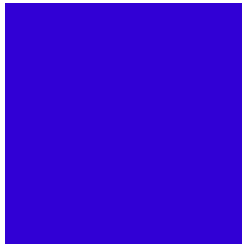
AB0084



2B0021

Previews

White Background



This preview shows how the Hex color 3100D5 looks on a white background.

Color Contrast Check

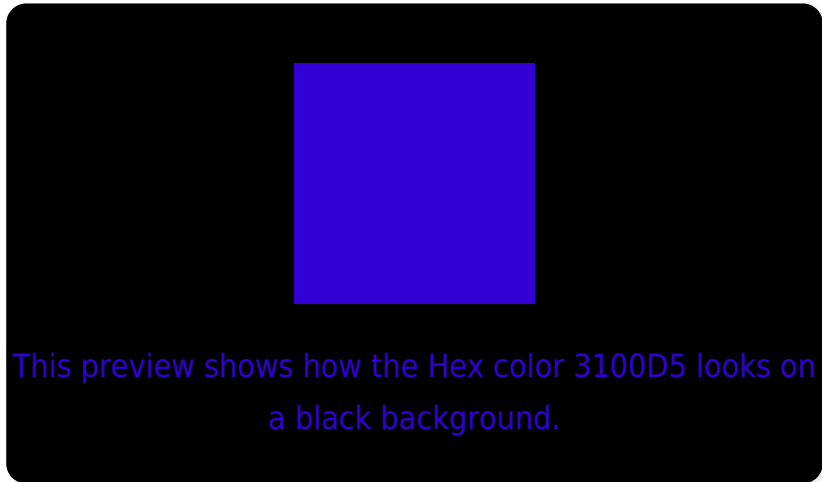
Large Text (above 18pt) WCAG AA ✓ Pass

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

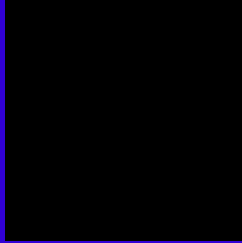
Any Text WCAG AA × Fail

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 3100D5 Background



This preview shows how black text looks on a background with the Hex color 3100D5.



This preview shows how white text looks on a background with the Hex color 3100D5.

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
3100D5

Protanopia
004289

Deuteranopia
004675



Tritanopia
004B4F

Trichromacy



Original Color

3100D5

Protanomaly

122AA5

Deuteranomaly

122D98

Tritanomaly

123080

Monochromacy



Original Color

3100D5

Achromatopsia

272727

Achromatomaly

2B1966

CSS Examples

Text

The CSS property to change the color of the text to Hex 3100D5 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 #3100D5 looks like.

```
.text, #text, p{  
    color:#3100D5  
}
```

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 #3100D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3100D5
}
```

Border

The CSS property to change the border of an element to Hex 3100D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

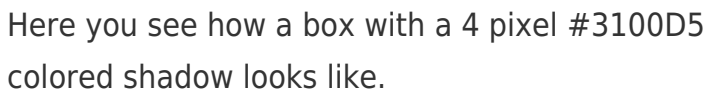
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3100D5 }
```

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

```
.border{ border-color:#3100D5 }
```

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



Here you see how a box with a 4 pixel #3100D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3100D5; -webkit-box-shadow:4px 4px  
4px 4px #3100D5; box-shadow:4px 4px 4px  
4px #3100D5 }
```

Background

The CSS property to change the background color of an element to Hex 3100D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3100D5 }
```

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

```
.background{ background-color:#3100D5 }
```

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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