

Converting Colors

Hex(6231DE)

Have a look what the booklet for
Hex(6231DE) contains.

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Color

Hex(6231DE)

Conversions

Conversions Part 1

Format	Color
Hex	6231DE
RGB	98, 49, 222
RGB Percent	38%, 19%, 87%
CMY	0.6157, 0.8078, 0.1294
CMYK	0.56, 0.78, 0.00, 0.13
HSL	257°, 72%, 53%
HSV	257°, 78%, 87%
XYZ	19.3201, 10.0672, 70.0321
YIQ	83.3730, -26.3290, 64.1910

Conversions

Conversions Part 2

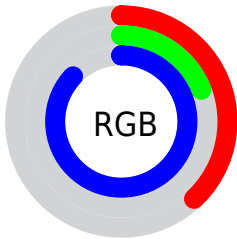
Format	Color
R_{YB}	98, 49, 222
Decimal	6435294
CIE _{Lab}	37.96, 61.39, -79.60
CIE _{LCh}	38, 100.523, 307.639
Yxy	10.0672, 0.1943, 0.1013
Android (android.graphics.Color)	4284625374 (0xFF6231DE)
YUV	83.3730, 68.3431, 12.8279
Hunter-Lab	31.7289, 53.1654, -108.6549

Details

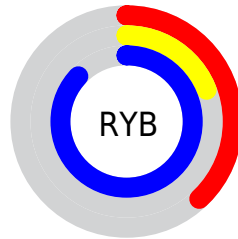
The Hex color **6231DE** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **ADDE31**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A066FF**, and **0B00A5** is the 20% darker color. If you saturate the color by 10%, you get **521BDE**, and if you desaturate by 10%, it is **7247DE**.

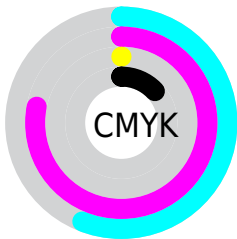
Distribution



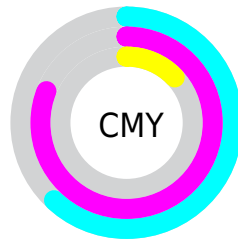
- Red (38%)
- Green (19%)
- Blue (87%)



- Red (38%)
- Yellow (19%)
- Blue (87%)



- Cyan (56%)
- Magenta (78%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (81%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6231DE 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 6231DE by changing the saturation by 10% instead.

 6231DE

 6231DE

FFFFFF

 4014C1

 A066FF

 0B00A5

 BF80FF

 00008A

 DD9BFF

 000070

 FCB7FF

 000556

 FFD3FF

 00063E

 FFF0FF

 000327

 000110

 000000

■ 6231DE

■ 6231DE

■ 521BDE

■ 7247DE

■ 4205DE

■ 825DDE

■ 3F00DE

■ 9274DE

■ A28ADE

■ B2A0DE

■ C1B6DE

■ D1CCDE

■ E1E3DE

■ F1F9DE

Harmonies

Analogous

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



0061FF



6231DE



C20099

Triad

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



6231DE



9C3A00



00756D

Complementary

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



6231DE



ADDE31

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.



00720E



6231DE



5B5E00

Square

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



6231DE



CA0000



006D00



0077BD

Rectangle

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



6231DE



D90064



006D00



007451

Sweetspot

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



6231DE



D5C4FF



31B0DE



665C80



000000



808080

Same Dimension

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



6231DE



530FFF



B631DE



686570



3200B0



0E0030

Inverse Universe

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



DE31AD



FF0FBB



59DE31



70656D



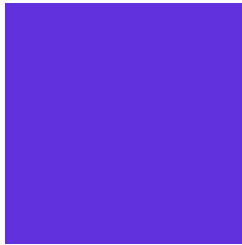
B0007E



300023

Previews

White Background



This preview shows how the Hex color 6231DE 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

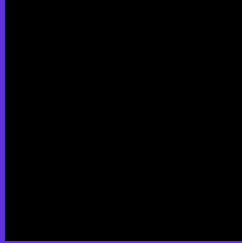
Any Text WCAG AA × Fail

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 6231DE Background



This preview shows how black text looks on a background with the Hex color 6231DE.



This preview shows how white text looks on a background with the Hex color 6231DE.

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](#).

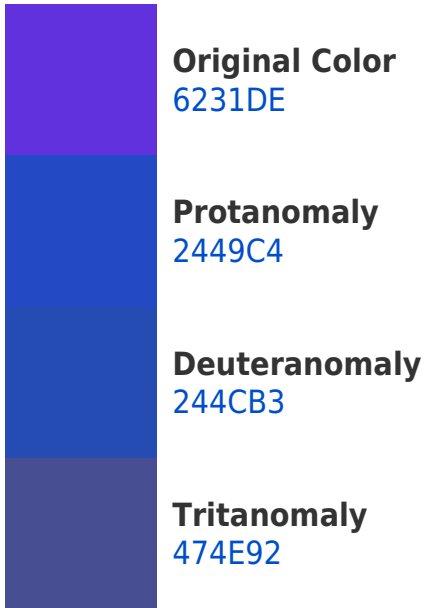
Dichromacy





Tritanopia
375F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6231DE 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 #6231DE looks like.

```
.text, #text, p{  
    color:#6231DE  
}
```

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 #6231DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6231DE
}
```

Border

The CSS property to change the border of an element to Hex 6231DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

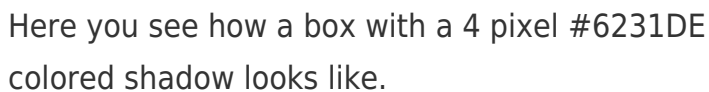
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6231DE }
```

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

```
.border{ border-color:#6231DE }
```

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



Here you see how a box with a 4 pixel #6231DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6231DE; -webkit-box-shadow:4px 4px  
4px 4px #6231DE; box-shadow:4px 4px 4px  
4px #6231DE }
```

Background

The CSS property to change the background color of an element to Hex 6231DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6231DE }
```

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

```
.background{ background-color:#6231DE }
```

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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