

Converting Colors

Hex(6300E6)

Have a look what the booklet for
Hex(6300E6) contains.

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Color

Hex(6300E6)

Conversions

Conversions Part 1

Format	Color
Hex	6300E6
RGB	99, 0, 230
RGB Percent	39%, 0%, 90%
CMY	0.6118, 1.0000, 0.0980
CMYK	0.57, 1.00, 0.00, 0.10
HSL	266°, 100%, 45%
HSV	266°, 100%, 90%
XYZ	19.4285, 8.3658, 75.4537
YIQ	55.8210, -14.8260, 92.5180

Conversions

Conversions Part 2

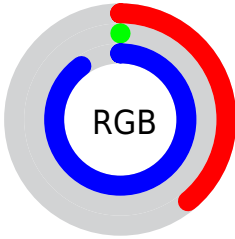
Format	Color
RYB	99, 0, 230
Decimal	6488294
CIELab	34.73, 75.86, -89.51
CIElCh	35, 117.333, 310.279
Yxy	8.3658, 0.1882, 0.0810
Android (android.graphics.Color)	4284678374 (0xFF6300E6)
YUV	55.8210, 85.8702, 37.8680
Hunter-Lab	28.9237, 69.2847, -134.4239

Details

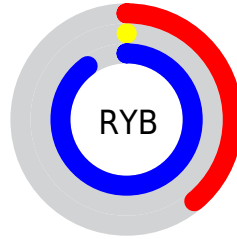
The Hex color **6300E6** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **83E600**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A44CFF**, and **0000AD** is the 20% darker color. If you saturate the color by 10%, you get **6300E6**, and if you desaturate by 10%, it is **7017E6**.

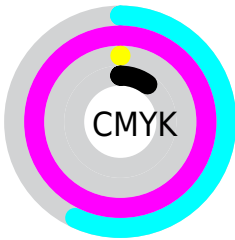
Distribution



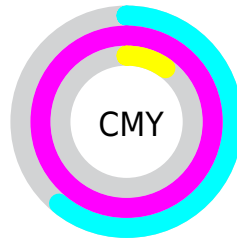
- Red (39%)
- Green (0%)
- Blue (90%)



- Red (39%)
- Yellow (0%)
- Blue (90%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (61%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6300E6 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 6300E6 by changing the saturation by 10% instead.

 6300E6

 6300E6

FFFFFF

 3E00C9

 A44CFF

 0000AD

 C368FF

 000091

 E284FF

 000076

 FFA0FF

 00065C

 FFBDFD

 000744

 FFDAFF

 00032C

 FFF8FF

 000117

 000000

 6300E6

 7017E6

 7D2EE6

 8A45E6

 975CE6

 A573E6

 B28AE6

 BFA1E6

 CCB8E6

 D9CFE6

Harmonies

Analogous

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



005AFF



6300E6



CD0093

Triad

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



6300E6



943000



006E71

Complementary

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



6300E6



83E600

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.



006B00



6300E6



465900

Square

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



6300E6



CA0000



006700



0071CD

Rectangle

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



6300E6



E20056



006700



006D51

Sweetspot

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



6300E6



D3B3FF



0086E6



655280



000000



808080

Same Dimension

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



6300E6



6E00FF



D300E6



6C6773



4D00B3



160033

Inverse Universe

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



E60083



FF0091



13E600



73676E



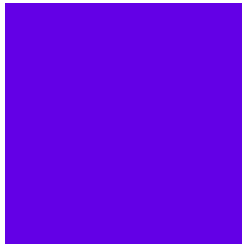
B30066



33001D

Previews

White Background



This preview shows how the Hex color 6300E6 looks on a white background.

Color Contrast Check

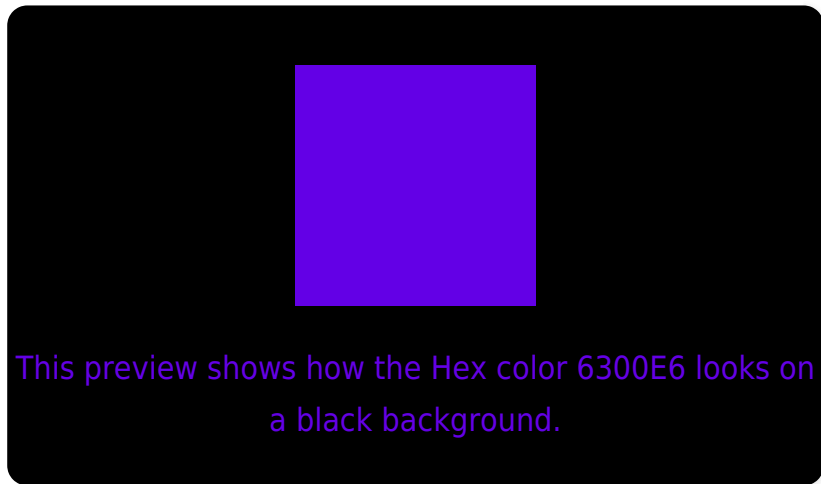
Large Text (above 18pt) WCAG AA ✓ Pass

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

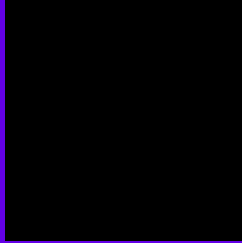
Any Text WCAG AA × Fail

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 6300E6 Background



This preview shows how black text looks on a background with the Hex color 6300E6.



This preview shows how white text looks on a background with the Hex color 6300E6.

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](#).

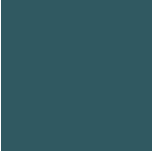
Dichromacy



Original Color
6300E6

Protanopia
0050A9

Deuteranopia
005690



Tritanopia
305961

Trichromacy



Original Color
6300E6

Protanomaly
2433BF

Deuteranomaly
2437AF

Tritanomaly
433991

Monochromacy



Original Color
6300E6

Achromatopsia
383838

Achromatomaly
482477

CSS Examples

Text

The CSS property to change the color of the text to Hex 6300E6 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 #6300E6 looks like.

```
.text, #text, p{  
    color:#6300E6  
}
```

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 #6300E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6300E6
}
```

Border

The CSS property to change the border of an element to Hex 6300E6 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".

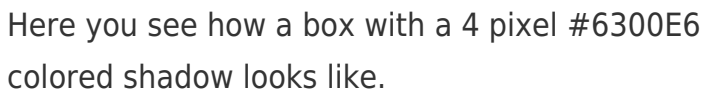
```
.border, #border, table{ border:4px solid
#6300E6 }
```

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

```
.border{ border-color:#6300E6 }
```

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

Here you see how a box with a 4 pixel #6300E6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #6300E6 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6300E6; -webkit-box-shadow:4px 4px  
4px 4px #6300E6; box-shadow:4px 4px 4px  
4px #6300E6 }
```

Background

The CSS property to change the background color of an element to Hex 6300E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6300E6 }
```

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

```
.background{ background-color:#6300E6 }
```

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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