

Converting Colors

Hex(6A30D9)

Have a look what the booklet for
Hex(6A30D9) contains.

Hex(6A30D9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A30D9)

Conversions

Conversions Part 1

Format	Color
Hex	6A30D9
RGB	106, 48, 217
RGB Percent	42%, 19%, 85%
CMY	0.5843, 0.8118, 0.1490
CMYK	0.51, 0.78, 0.00, 0.15
HSL	261°, 69%, 52%
HSV	261°, 78%, 85%
XYZ	19.5252, 10.1878, 66.5830
YIQ	84.6080, -19.6810, 64.8550

Conversions

Conversions Part 2

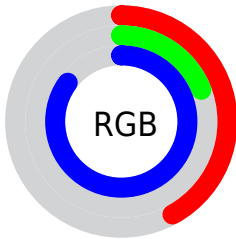
Format	Color
R _Y B	106, 48, 217
Decimal	6959321
CIE Lab	38.18, 61.50, -76.35
CIE LCh	38, 98.037, 308.852
Yxy	10.1878, 0.2028, 0.1058
Android (android.graphics.Color)	4285149401 (0xFF6A30D9)
YUV	84.6080, 65.2693, 18.7608
Hunter-Lab	31.9184, 53.3353, -101.3384

Details

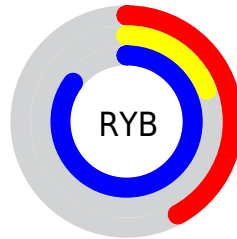
The Hex color **6A30D9** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **9FD930**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A765FF**, and **2300A1** is the 20% darker color. If you saturate the color by 10%, you get **5C1AD9**, and if you desaturate by 10%, it is **7846D9**.

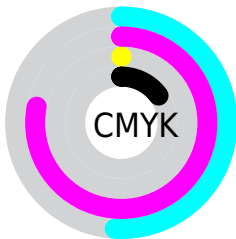
Distribution



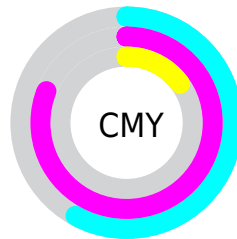
- Red (42%)
- Green (19%)
- Blue (85%)



- Red (42%)
- Yellow (19%)
- Blue (85%)



- Cyan (51%)
- Magenta (78%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (81%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A30D9 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 6A30D9 by changing the saturation by 10% instead.

 6A30D9

 6A30D9

FFFFFF

 4A12BD

 A765FF

 2300A1

 C580FF

 000086

 E39BFF

 00006B

 FFB7FF

 000352

 FFD3FF

 00053A

 FFF0FF

 000223

 00000A

 000000

 6A30D9

 6A30D9

 5C1AD9

 7846D9

 4D05D9

 875BD9

 4A00D9

 9571D9

 A387D9

 B19DD9

 C0B2D9

 CEC8D9

 DCDED9

 EAF3D9

Harmonies

Analogous

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



0060FC



6A30D9



C30095

Triad

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



6A30D9



9A3E00



007571

Complementary

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



6A30D9



9FD930

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.



007317



6A30D9



595F00

Square

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



6A30D9



C80000



006D00



0077BE

Rectangle

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



6A30D9



D70061



006D00



007555

Sweetspot

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



6A30D9



D8C4FF



30A1D9



685C80



000000



808080

Same Dimension

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



6A30D9



6312FF



BD30D9



66636E



3C00AD



10002E

Inverse Universe

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



D9309F



FF12AE



4CD930



6E636A



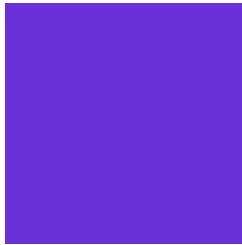
AD0072



2E001E

Previews

White Background



This preview shows how the Hex color 6A30D9 looks on a white background.

Color Contrast Check

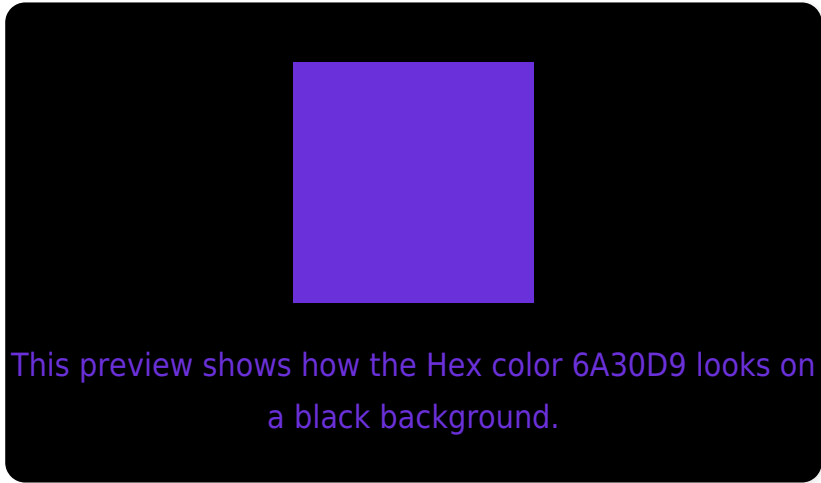
Large Text (above 18pt) WCAG AA ✓ Pass

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

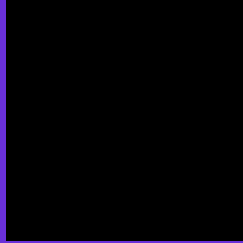
Any Text WCAG AA × Fail

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 6A30D9 Background



This preview shows how black text looks on a background with the Hex color 6A30D9.




This preview shows how white text looks on a background with the Hex color 6A30D9.

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
475D65

Trichromacy



Original Color
6A30D9



Protanomaly
2749C3



Deuteranomaly
274CB3



Tritanomaly
544D8F

Monochromacy



Original Color
6A30D9



Achromatopsia
555555



Achromatomaly
5D4885

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A30D9 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 #6A30D9 looks like.

```
.text, #text, p{  
    color:#6A30D9  
}
```

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 #6A30D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A30D9
}
```

Border

The CSS property to change the border of an element to Hex 6A30D9 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
#6A30D9 }
```

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

```
.border{ border-color:#6A30D9 }
```

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

Here you see how a box with a 4 pixel #6A30D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A30D9; -webkit-box-shadow:4px 4px  
4px 4px #6A30D9; box-shadow:4px 4px 4px  
4px #6A30D9 }
```

Background

The CSS property to change the background color of an element to Hex 6A30D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A30D9 }
```

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

```
.background{ background-color:#6A30D9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor