

Converting Colors

Hex(6200A9)

Have a look what the booklet for
Hex(6200A9) contains.

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Color

Hex(6200A9)

Conversions

Conversions Part 1

Format	Color
Hex	6200A9
RGB	98, 0, 169
RGB Percent	38%, 0%, 66%
CMY	0.6157, 1.0000, 0.3373
CMYK	0.42, 1.00, 0.00, 0.34
HSL	275°, 100%, 33%
HSV	275°, 100%, 66%
XYZ	12.1984, 5.4612, 37.9473
YIQ	48.5680, 4.1590, 73.3350

Conversions

Conversions Part 2

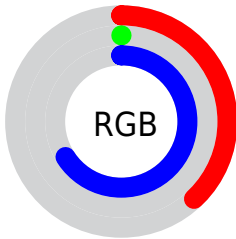
Format	Color
RYB	98, 0, 169
Decimal	6422697
CIELab	28.01, 62.51, -64.87
CIELCh	28, 90.083, 313.939
Yxy	5.4612, 0.2194, 0.0982
Android (android.graphics.Color)	4284612777 (0xFF6200A9)
YUV	48.5680, 59.3730, 43.3519
Hunter-Lab	23.3693, 52.2781, -79.9172

Details

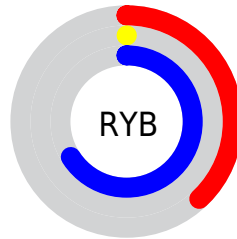
The Hex color **6200A9** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **47A900**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9C45E1**, and **240073** is the 20% darker color. If you saturate the color by 10%, you get **6200A9**, and if you desaturate by 10%, it is **6911A9**.

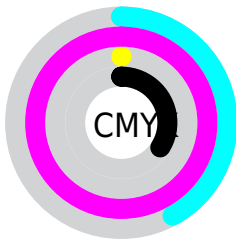
Distribution



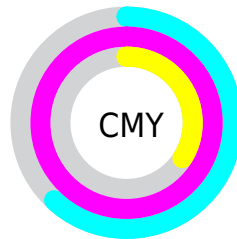
- Red (38%)
- Green (0%)
- Blue (66%)



- Red (38%)
- Yellow (0%)
- Blue (66%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)



- Cyan (62%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6200A9 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 6200A9 by changing the saturation by 10% instead.

 6200A9

 6200A9

FFFFFF

 45008E

 9C45E1

 240073

 B961FF

 00005A

 D77CFF

 000041

 F597FF

 00032A

 FF33FF

 000114

 FFD0FF

 000000

 FFEDFF

 6200A9

 6911A9

 7022A9

 7733A9

 7E44A9

 8554A9

 8D65A9

 9476A9

 9B87A9

 A298A9

Harmonies

Analogous

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



0044CE



6200A9



A3006A

Triad

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



6200A9



6F3000



005962

Complementary

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



6200A9



47A900

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.



005717



6200A9



334900

Square

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



6200A9



9A0000



005300



005AA4

Rectangle

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



6200A9



B0003D



005300



00584A

Sweetspot

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



6200A9



C09ADB



0049A9



5D466E



EDEDED



6E6E6E

Same Dimension

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



6200A9



7F00DB



A9009E



514C54



560094



0C0014

Inverse Universe

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



A90047



DB005C



00A90B



544C4F



94003E



140009

Previews

White Background



This preview shows how the Hex color 6200A9 looks on a white background.

Color Contrast Check

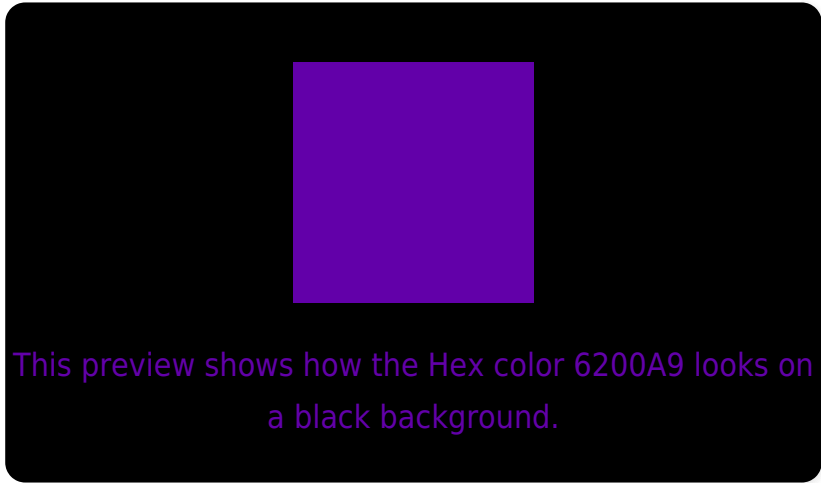
Large Text (above 18pt) WCAG AA ✓ Pass

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

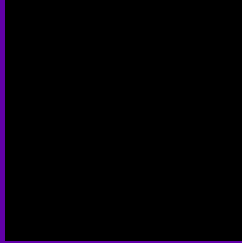
Any Text WCAG AA × Fail

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 6200A9 Background



This preview shows how black text looks on a background with the Hex color 6200A9.



This preview shows how white text looks on a background with the Hex color 6200A9.

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
6200A9

Protanopia
00438C

Deuteranopia
004778



Tritanopia
4C4247

Trichromacy



Original Color
6200A9



Protanomaly
242B97



Deuteranomaly
242D8A



Tritanomaly
542A6B

Monochromacy



Original Color
6200A9



Achromatopsia
313131



Achromatomaly
431F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6200A9 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 #6200A9 looks like.

```
.text, #text, p{  
    color:#6200A9  
}
```

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 #6200A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6200A9
}
```

Border

The CSS property to change the border of an element to Hex 6200A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

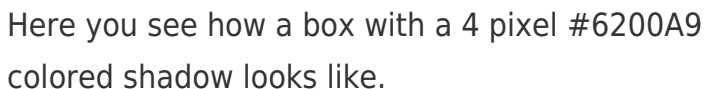
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6200A9 }
```

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

```
.border{ border-color:#6200A9 }
```

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



Here you see how a box with a 4 pixel #6200A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6200A9; -webkit-box-shadow:4px 4px  
4px 4px #6200A9; box-shadow:4px 4px 4px  
4px #6200A9 }
```

Background

The CSS property to change the background color of an element to Hex 6200A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6200A9 }
```

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

```
.background{ background-color:#6200A9 }
```

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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