

Converting Colors

Hex(6905A0)

Have a look what the booklet for
Hex(6905A0) contains.

| | |
|--|----|
| Hex(6905A0) | 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(6905A0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 6905A0 |
| RGB | 105, 5, 160 |
| RGB Percent | 41%, 2%, 63% |
| CMY | 0.5882, 0.9804, 0.3725 |
| CMYK | 0.34, 0.97, 0.00, 0.37 |
| HSL | 279°, 94%, 32% |
| HSV | 279°, 97%, 63% |
| XYZ | 12.2251, 5.6499, 33.7039 |
| YIQ | 52.5700, 9.8450, 69.4050 |

Conversions

Conversions Part 2

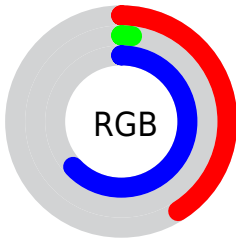
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 105, 5, 160 |
| Decimal | 6882720 |
| CIE _{Lab} | 28.51, 60.53, -58.55 |
| CIE _{LCh} | 29, 84.214, 315.955 |
| Yxy | 5.6499, 0.2370, 0.1095 |
| Android (android.graphics.Color) | 4285072800 (0xFF6905A0) |
| YUV | 52.5700, 52.9630, 45.9811 |
| Hunter-Lab | 23.7694, 50.2098, -67.4317 |

Details

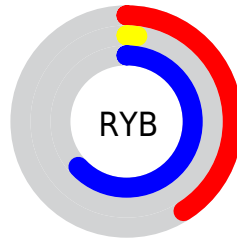
The Hex color **6905A0** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3CA005**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A248D8**, and **30006B** is the 20% darker color. If you saturate the color by 10%, you get **6700A0**, and if you desaturate by 10%, it is **6F15A0**.

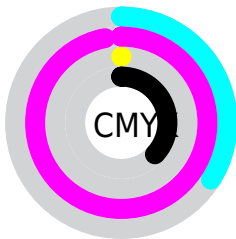
Distribution



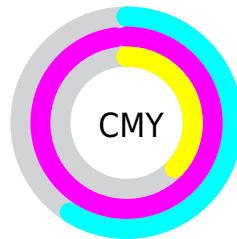
- Red (41%)
- Green (2%)
- Blue (63%)



- Red (41%)
- Yellow (2%)
- Blue (63%)



- Cyan (34%)
- Magenta (97%)
- Yellow (0%)
- Black (37%)



- Cyan (59%)
- Magenta (98%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6905A0 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 6905A0 by changing the saturation by 10% instead.

6905A0

6905A0

FFFFFF

4D0085

A248D8

30006B

BF63F5

130052

DC7EFF

00003A

FA9AFF

000223

FFB6FF

00000A

FFD2FF

000000

FFEEFF

6905A0

6905A0

6700A0

6F15A0

7425A0

7A35A0

8045A0

8555A0

8B65A0

9175A0

9685A0

9C95A0

Harmonies

Analogous

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



0042C5



6905A0



A10065

Triad

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



6905A0



6C3500



005A66

Complementary

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



6905A0



3CA005

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.



005820



6905A0



324B00

Square

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



6905A0



950000



005400



005AA2

Rectangle

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



6905A0



AB003A



005400



00594F

Sweetspot

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



6905A0



BC94D1



053EA0



5C4469



E8E8E8



696969

Same Dimension

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



6905A0



8700D1



A0058B



4C474F



5C008F



0A000F

Inverse Universe

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



A0053C



D1004A



05A01A



4F474A



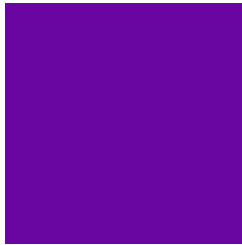
8F0033



0F0005

Previews

White Background



This preview shows how the Hex color 6905A0 looks on a white background.

Color Contrast Check

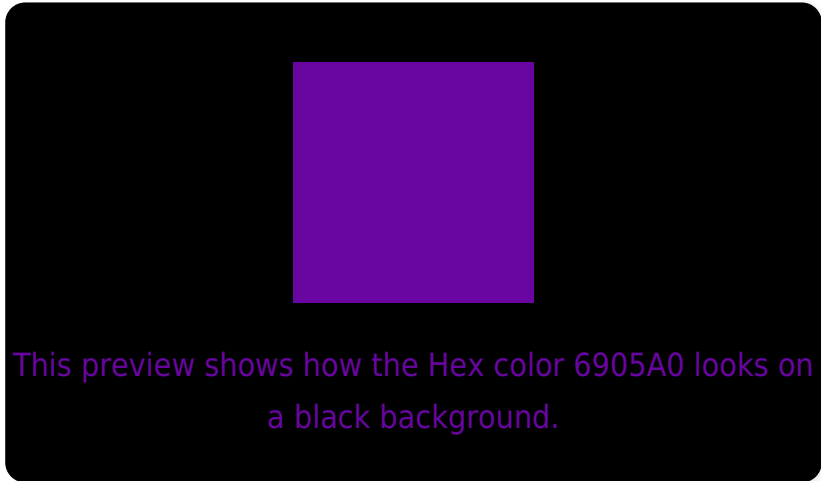
Large Text (above 18pt) WCAG AA ✓ Pass

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

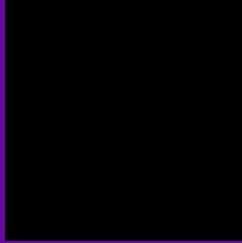
Any Text WCAG AA × Fail

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 6905A0 Background



This preview shows how black text looks on a background with the Hex color 6905A0.



This preview shows how white text looks on a background with the Hex color 6905A0.

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](#).

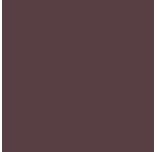
Dichromacy



Original Color
6905A0

Protanopia
00438E

Deuteranopia
00477A



Tritanopia
583F43

Trichromacy



Original Color
6905A0

Protanomaly
262C95

Deuteranomaly
262F88

Tritanomaly
5E2A65

Monochromacy



Original Color
6905A0

Achromatopsia
353535

Achromatomaly
48245C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6905A0 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 #6905A0 looks like.

```
.text, #text, p{  
    color:#6905A0  
}
```

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 #6905A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6905A0
}
```

Border

The CSS property to change the border of an element to Hex 6905A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

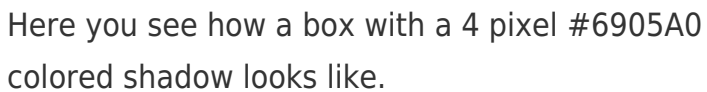
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6905A0 }
```

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

```
.border{ border-color:#6905A0 }
```

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



Here you see how a box with a 4 pixel #6905A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6905A0; -webkit-box-shadow:4px 4px  
4px 4px #6905A0; box-shadow:4px 4px 4px  
4px #6905A0 }
```

Background

The CSS property to change the background color of an element to Hex 6905A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6905A0 }
```

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

```
.background{ background-color:#6905A0 }
```

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