

Converting Colors

Hex(6900A5)

Have a look what the booklet for
Hex(6900A5) contains.

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Color

Hex(6900A5)

Conversions

Conversions Part 1

Format	Color
Hex	6900A5
RGB	105, 0, 165
RGB Percent	41%, 0%, 65%
CMY	0.5882, 1.0000, 0.3529
CMYK	0.36, 1.00, 0.00, 0.35
HSL	278°, 100%, 32%
HSV	278°, 100%, 65%
XYZ	12.6172, 5.7199, 36.0364
YIQ	50.2050, 9.6150, 73.5750

Conversions

Conversions Part 2

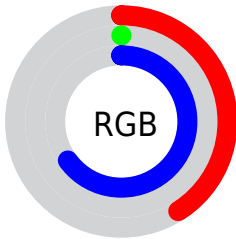
Format	Color
R _Y B	105, 0, 165
Decimal	6881445
CIE Lab	28.69, 62.41, -61.28
CIE LCh	29, 87.471, 315.523
Yxy	5.7199, 0.2320, 0.1052
Android (android.graphics.Color)	4285071525 (0xFF6900A5)
YUV	50.2050, 56.5939, 48.0552
Hunter-Lab	23.9162, 52.3158, -72.5952

Details

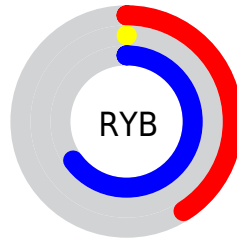
The Hex color **6900A5** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3CA500**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **A246DD**, and **2E0070** is the 20% darker color. If you saturate the color by 10%, you get **6900A5**, and if you desaturate by 10%, it is **6F10A5**.

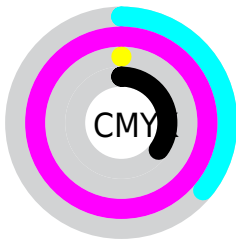
Distribution



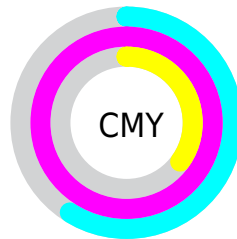
- Red (41%)
- Green (0%)
- Blue (65%)



- Red (41%)
- Yellow (0%)
- Blue (65%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (59%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6900A5 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 6900A5 by changing the saturation by 10% instead.

 6900A5

 6900A5

FFFFFF

 4C008A

 A246DD

 2E0070

 BF62FA

 0F0057

 DD7DFF

 00003E

 FB99FF

 000327

 FFB5FF

 000111

 FFD1FF

 000000

 FFEEFF

 6900A5

 6F10A5

 7521A5

 7B32A5

 8142A5

 8752A5

 8D63A5

 9373A5

 9984A5

 9F94A5

Harmonies

Analogous

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



0043CB



6900A5



A40067

Triad

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



6900A5



6E3400



005B67

Complementary

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



6900A5



3CA500

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.



00591E



6900A5



324C00

Square

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



6900A5



980000



005500



005CA6

Rectangle

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



6900A5



AF003B



005500



005A4F

Sweetspot

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



6900A5



BF96D6



003DA5



5D456B



EBEBEB



6B6B6B

Same Dimension

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



6900A5



8800D6



A5008F



4F4952



5C0091



0B0012

Inverse Universe

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



A5003C



D6004E



00A516



52494C



910035



120006

Previews

White Background



This preview shows how the Hex color 6900A5 looks on a white background.

Color Contrast Check

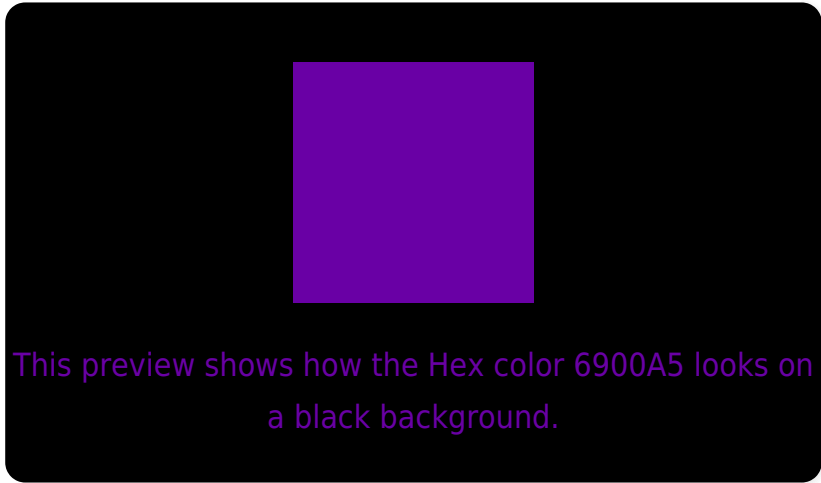
Large Text (above 18pt) WCAG AA ✓ Pass

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

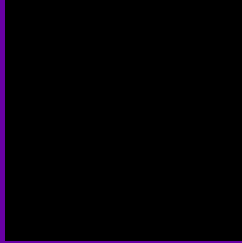
Any Text WCAG AA × Fail

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 6900A5 Background



This preview shows how black text looks on a background with the Hex color 6900A5.



This preview shows how white text looks on a background with the Hex color 6900A5.

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
6900A5

Protanopia
00448F

Deuteranopia
00487C



Tritanopia
564045

Trichromacy



Original Color
6900A5

Protanomaly
262B97

Deuteranomaly
262E8B

Tritanomaly
5D2968

Monochromacy



Original Color
6900A5

Achromatopsia
323232

Achromatomaly
46205C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6900A5 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 #6900A5 looks like.

```
.text, #text, p{  
    color:#6900A5  
}
```

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 #6900A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6900A5
}
```

Border

The CSS property to change the border of an element to Hex 6900A5 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
#6900A5 }
```

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

```
.border{ border-color:#6900A5 }
```

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

Here you see how a box with a 4 pixel #6900A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6900A5; -webkit-box-shadow:4px 4px  
4px 4px #6900A5; box-shadow:4px 4px 4px  
4px #6900A5 }
```

Background

The CSS property to change the background color of an element to Hex 6900A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6900A5 }
```

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

```
.background{ background-color:#6900A5 }
```

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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