

Converting Colors

Hex(6912B6)

Have a look what the booklet for
Hex(6912B6) contains.

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Color

Hex(6912B6)

Conversions

Conversions Part 1

Format	Color
Hex	6912B6
RGB	105, 18, 182
RGB Percent	41%, 7%, 71%
CMY	0.5882, 0.9294, 0.2863
CMYK	0.42, 0.90, 0.00, 0.29
HSL	272°, 82%, 39%
HSV	272°, 90%, 71%
XYZ	14.4855, 6.8133, 44.8076
YIQ	62.7090, -0.7920, 69.4480

Conversions

Conversions Part 2

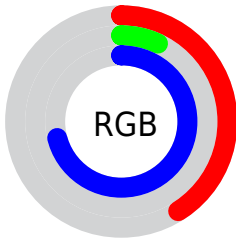
Format	Color
R_{YB}	105, 18, 182
Decimal	6886070
CIE _{Lab}	31.38, 62.86, -67.08
CIE _{LCh}	31, 91.928, 313.142
Yxy	6.8133, 0.2191, 0.1031
Android (android.graphics.Color)	4285076150 (0xFF6912B6)
YUV	62.7090, 58.8105, 37.0892
Hunter-Lab	26.1022, 53.3801, -83.5067

Details

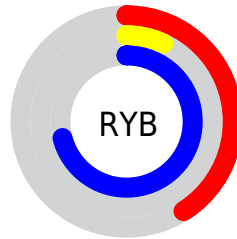
The Hex color **6912B6** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **5FB612**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A34FEF**, and **2B0080** is the 20% darker color. If you saturate the color by 10%, you get **6100B6**, and if you desaturate by 10%, it is **7224B6**.

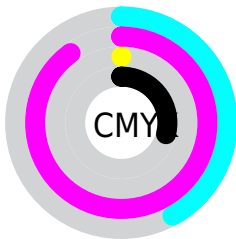
Distribution



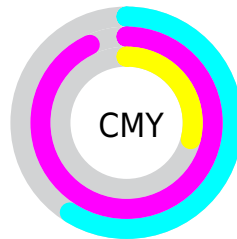
- Red (41%)
- Green (7%)
- Blue (71%)



- Red (41%)
- Yellow (7%)
- Blue (71%)



- Cyan (42%)
- Magenta (90%)
- Yellow (0%)
- Black (29%)



- Cyan (59%)
- Magenta (93%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6912B6 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 6912B6 by changing the saturation by 10% instead.

6912B6

6912B6

FFFFFF

4B009A

A34FEF

2B0080

C16AFF

000066

DF85FF

00004D

FDA1FF

000535

FFBDFF

00021F

FFDAFF

000001

FFF7FF

000000

6912B6

6912B6

6100B6

7224B6

7A36B6

8349B6

8B5BB6

946DB6

9C7FB6

A591B6

ADA4B6

B6B6B6

Harmonies

Analogous

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



004CDC



6912B6



AE0076

Triad

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



6912B6



7B3600



006269

Complementary

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



6912B6



5FB612

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.



00601B



6912B6



3D5100

Square

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



6912B6



A70000



005C00



0063AE

Rectangle

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



6912B6



BC0046



005C00



006250

Sweetspot

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



6912B6



CFADED



1261B6



665178



F7F7F7



787878

Same Dimension

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



6912B6



7E00ED



B612B3



57535C



53009C



0F001C

Inverse Universe

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



B6125F



ED006F



12B615



5C5357



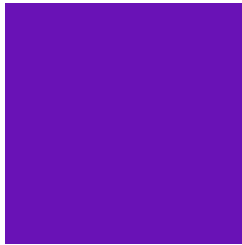
9C0049



1C000D

Previews

White Background



This preview shows how the Hex color 6912B6 looks on a white background.

Color Contrast Check

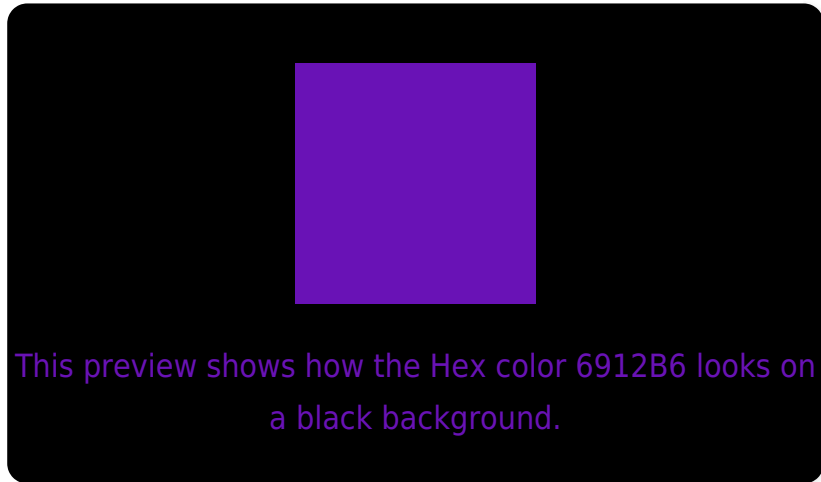
Large Text (above 18pt) WCAG AA ✓ Pass

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 6912B6 Background



This preview shows how black text looks on a background with the Hex color 6912B6.

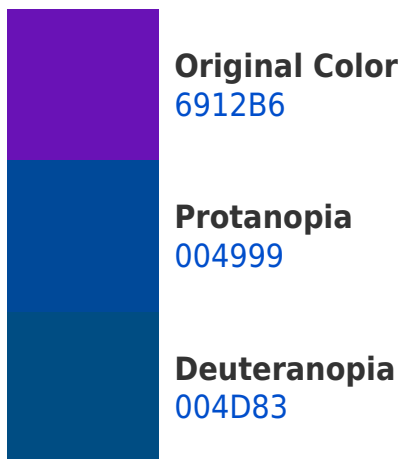


This preview shows how white text looks on a background with the Hex color 6912B6.

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
52484E

Trichromacy



Original Color
6912B6



Protanomaly
2635A4



Deuteranomaly
263896



Tritanomaly
5A3474

Monochromacy



Original Color
6912B6



Achromatopsia
3F3F3F



Achromatomaly
4E2F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6912B6 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 #6912B6 looks like.

```
.text, #text, p{  
    color:#6912B6  
}
```

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 #6912B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6912B6  
}
```

Border

The CSS property to change the border of an element to Hex 6912B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

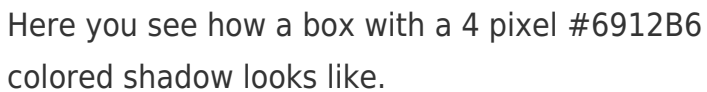
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6912B6 }
```

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

```
.border{ border-color:#6912B6 }
```

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



Here you see how a box with a 4 pixel #6912B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6912B6; -webkit-box-shadow:4px 4px  
4px 4px #6912B6; box-shadow:4px 4px 4px  
4px #6912B6 }
```

Background

The CSS property to change the background color of an element to Hex 6912B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6912B6 }
```

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

```
.background{ background-color:#6912B6 }
```

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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