

Converting Colors

Hex(6D0A91)

Have a look what the booklet for
Hex(6D0A91) contains.

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Color

Hex(6D0A91)

Conversions

Conversions Part 1

Format	Color
Hex	6D0A91
RGB	109, 10, 145
RGB Percent	43%, 4%, 57%
CMY	0.5725, 0.9608, 0.4314
CMYK	0.25, 0.93, 0.00, 0.43
HSL	284°, 87%, 30%
HSV	284°, 93%, 57%
XYZ	11.5261, 5.5126, 27.2446
YIQ	54.9910, 15.6690, 62.9730

Conversions

Conversions Part 2

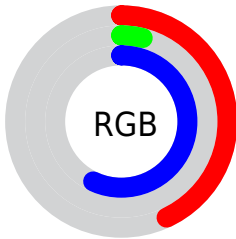
Format	Color
R_{YB}	109, 10, 145
Decimal	7146129
CIE _{Lab}	28.15, 57.19, -49.91
CIE _{LCh}	28, 75.909, 318.889
Yxy	5.5126, 0.2603, 0.1245
Android (android.graphics.Color)	4285336209 (0xFF6D0A91)
YUV	54.9910, 44.3744, 47.3659
Hunter-Lab	23.4790, 46.5391, -52.3638

Details

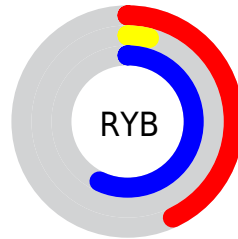
The Hex color **6D0A91** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2E910A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A549C8**, and **36005D** is the 20% darker color. If you saturate the color by 10%, you get **6A0091**, and if you desaturate by 10%, it is **711891**.

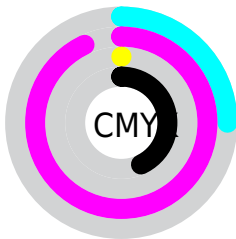
Distribution



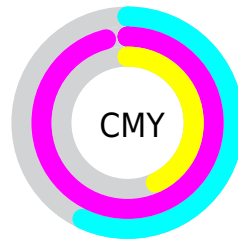
- Red (43%)
- Green (4%)
- Blue (57%)



- Red (43%)
- Yellow (4%)
- Blue (57%)



- Cyan (25%)
- Magenta (93%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (96%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D0A91 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 6D0A91 by changing the saturation by 10% instead.

6D0A91

6D0A91

FFFFFF

520077

A549C8

36005D

C164E4

1E0045

DF7FFF

00002E

FC9BFF

000118

FFB7FF

000000

FFD3FF

FFF0FF

6D0A91

6D0A91

■ 6A0091

■ 711891

■ 752791

■ 793591

■ 7C4491

■ 805291

■ 846191

■ 886F91

■ 8C7E91

■ 908C91

Harmonies

Analogous

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



003EB4



6D0A91



9A005B

Triad

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



6D0A91



643800



005867

Complementary

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



6D0A91



2E910A

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.



00562A



6D0A91



2E4B00

Square

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



6D0A91



8B0400



005300



00579C

Rectangle

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



6D0A91



A10035



005300



005753

Sweetspot

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



6D0A91



AF88BD



0A2E91



563E5E



DEDEDE



5E5E5E

Same Dimension

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



6D0A91



8A00BD



910A71



454047



630087



060008

Inverse Universe

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



910A2E



BD0032



0A912A



474042



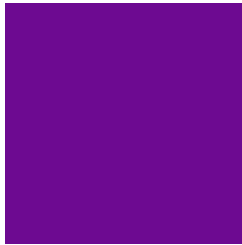
870024



080002

Previews

White Background



This preview shows how the Hex color 6D0A91 looks on a white background.

Color Contrast Check

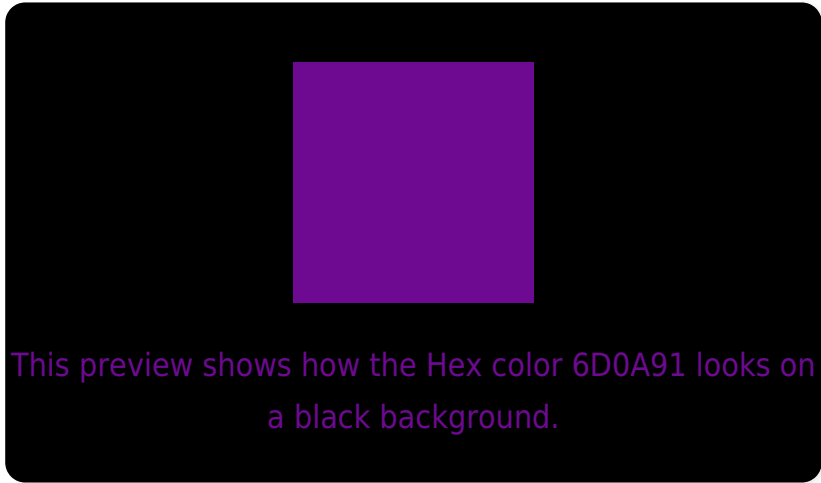
Large Text (above 18pt) WCAG AA ✓ Pass

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

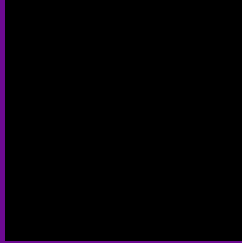
Any Text WCAG AA × Fail

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 6D0A91 Background



This preview shows how black text looks on a background with the Hex color 6D0A91.



This preview shows how white text looks on a background with the Hex color 6D0A91.

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
6D0A91

Protanopia
00428C

Deuteranopia
00467A



Tritanopia
60393D

Trichromacy



Original Color
6D0A91



Protanomaly
282E8E



Deuteranomaly
283082



Tritanomaly
65285C

Monochromacy



Original Color
6D0A91



Achromatopsia
373737



Achromatomaly
4B2758

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D0A91 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 #6D0A91 looks like.

```
.text, #text, p{  
    color:#6D0A91  
}
```

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 #6D0A91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0A91
}
```

Border

The CSS property to change the border of an element to Hex 6D0A91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

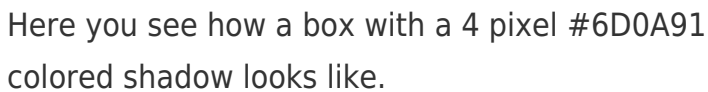
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D0A91 }
```

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

```
.border{ border-color:#6D0A91 }
```

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



Here you see how a box with a 4 pixel #6D0A91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0A91; -webkit-box-shadow:4px 4px  
4px 4px #6D0A91; box-shadow:4px 4px 4px  
4px #6D0A91 }
```

Background

The CSS property to change the background color of an element to Hex 6D0A91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0A91 }
```

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

```
.background{ background-color:#6D0A91 }
```

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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