

Converting Colors

Hex(6D1881)

Have a look what the booklet for
Hex(6D1881) contains.

Hex(6D1881)	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(6D1881)

Conversions

Conversions Part 1

Format	Color
Hex	6D1881
RGB	109, 24, 129
RGB Percent	43%, 9%, 51%
CMY	0.5725, 0.9059, 0.4941
CMYK	0.16, 0.81, 0.00, 0.49
HSL	289°, 69%, 30%
HSV	289°, 81%, 51%
XYZ	10.5958, 5.4895, 21.2700
YIQ	61.3850, 16.9550, 50.6750

Conversions

Conversions Part 2

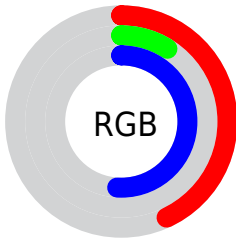
Format	Color
R_{YB}	109, 24, 129
Decimal	7149697
CIE _{Lab}	28.09, 50.61, -40.04
CIE _{LCh}	28, 64.534, 321.656
Yxy	5.4895, 0.2836, 0.1470
Android (android.graphics.Color)	4285339777 (0xFF6D1881)
YUV	61.3850, 33.3342, 41.7584
Hunter-Lab	23.4296, 39.7227, -37.4243

Details

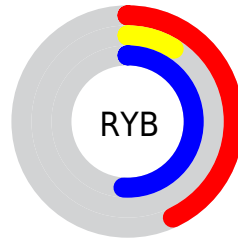
The Hex color **6D1881** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2C8118**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A44FB7**, and **38004F** is the 20% darker color. If you saturate the color by 10%, you get **6B0B81**, and if you desaturate by 10%, it is **6F2581**.

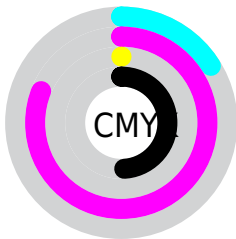
Distribution



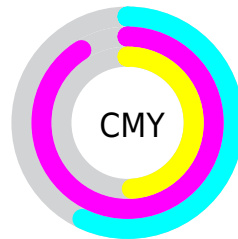
- Red (43%)
- Green (9%)
- Blue (51%)



- Red (43%)
- Yellow (9%)
- Blue (51%)



- Cyan (16%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D1881 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 6D1881 by changing the saturation by 10% instead.

6D1881

6D1881

FFFFFF

530067

A44FB7

38004F

C069D2

220037

DD84EF

000221

FA9FFF

000005

FFBBFF

000000

FFD8FF

FFF5FF

6D1881

6D1881

■ 6B0B81

■ 6F2581

■ 680081

■ 723281

■ 743F81

■ 774C81

■ 795981

■ 7C6581

■ 7E7281

■ 817F81

■ 838C81

Harmonies

Analogous

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



003CA1



6D1881



8F0052

Triad

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



6D1881



5E3C00



005666

Complementary

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



6D1881



2C8118

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.



005532



6D1881



2F4A00

Square

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



6D1881



801E00



005100



005491

Rectangle

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



6D1881



950032



005100



005555

Sweetspot

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



6D1881



A180A8



182D81



503C54



D4D4D4



545454

Same Dimension

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



6D1881



8903A8



811862



3F3940



670080



000000

Inverse Universe

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



81182C



A80323



188138



40393B



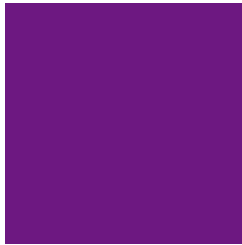
800018



000000

Previews

White Background



This preview shows how the Hex color 6D1881 looks on a white background.

Color Contrast Check

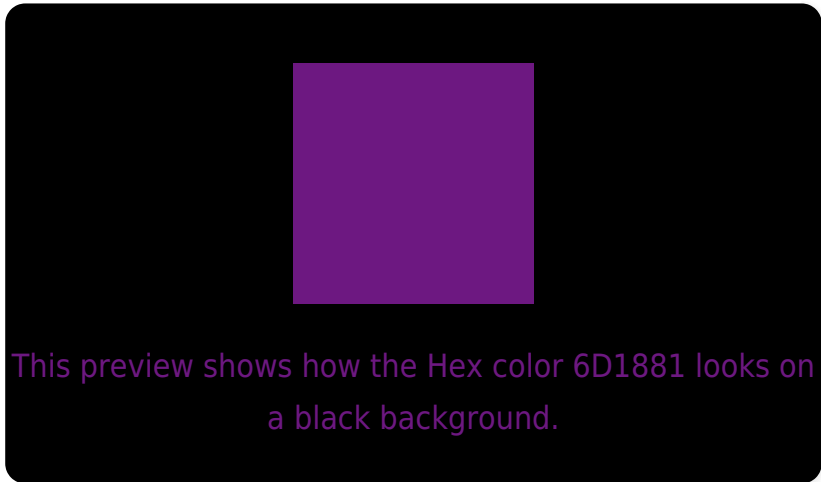
Large Text (above 18pt) WCAG AA ✓ Pass

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

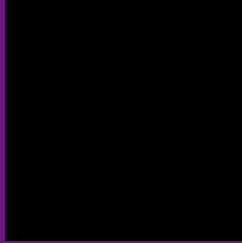
Any Text WCAG AA × Fail

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 6D1881 Background



This preview shows how black text looks on a background with the Hex color 6D1881.



This preview shows how white text looks on a background with the Hex color 6D1881.

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
6D1881

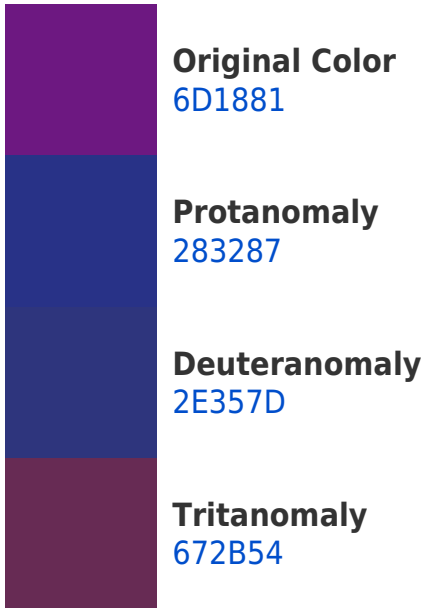
Protanopia
00418A

Deuteranopia
0A457A

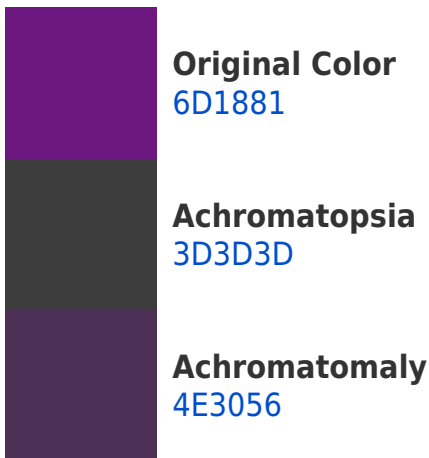


Tritanopia
63363A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D1881 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 #6D1881 looks like.

```
.text, #text, p{  
    color:#6D1881  
}
```

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 #6D1881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D1881
}
```

Border

The CSS property to change the border of an element to Hex 6D1881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

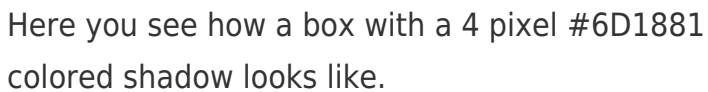
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D1881 }
```

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

```
.border{ border-color:#6D1881 }
```

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



Here you see how a box with a 4 pixel #6D1881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D1881; -webkit-box-shadow:4px 4px  
4px 4px #6D1881; box-shadow:4px 4px 4px  
4px #6D1881 }
```

Background

The CSS property to change the background color of an element to Hex 6D1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D1881 }
```

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

```
.background{ background-color:#6D1881 }
```

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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