

Converting Colors

Hex(6B2081)

Have a look what the booklet for
Hex(6B2081) contains.

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Color

Hex(6B2081)

Conversions

Conversions Part 1

Format	Color
Hex	6B2081
RGB	107, 32, 129
RGB Percent	42%, 13%, 51%
CMY	0.5804, 0.8745, 0.4941
CMYK	0.17, 0.75, 0.00, 0.49
HSL	286°, 60%, 32%
HSV	286°, 75%, 51%
XYZ	10.5424, 5.7438, 21.3219
YIQ	65.4830, 13.5630, 46.0670

Conversions

Conversions Part 2

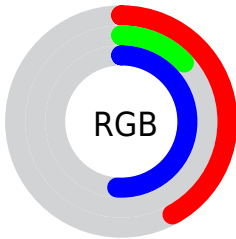
Format	Color
R_{YB}	107, 32, 129
Decimal	7020673
CIE Lab	28.76, 47.32, -38.97
CIE LCh	29, 61.303, 320.523
Yxy	5.7438, 0.2803, 0.1527
Android (android.graphics.Color)	4285210753 (0xFF6B2081)
YUV	65.4830, 31.3139, 36.4104
Hunter-Lab	23.9662, 36.5784, -35.9718

Details

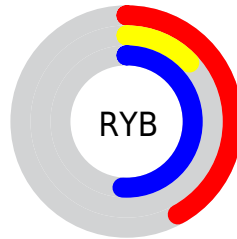
The Hex color **6B2081** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **368120**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A154B7**, and **37004F** is the 20% darker color. If you saturate the color by 10%, you get **681381**, and if you desaturate by 10%, it is **6E2D81**.

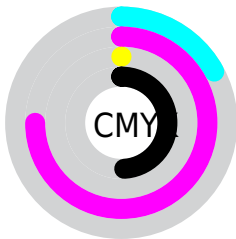
Distribution



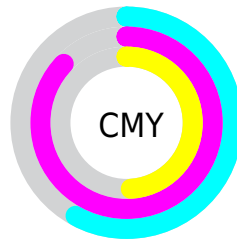
- Red (42%)
- Green (13%)
- Blue (51%)



- Red (42%)
- Yellow (13%)
- Blue (51%)



- Cyan (17%)
- Magenta (75%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2081 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 6B2081 by changing the saturation by 10% instead.

 6B2081

 6B2081

FFFFFF

 510067

 A154B7

 37004F

 BD6ED2

 210038

 DA89EF

 000221

 F7A4FF

 000006

 FFC0FF

 000000

 FFDCFF

 FFF9FF

 6B2081

 6B2081

■ 681381

■ 6E2D81

■ 650681

■ 713A81

■ 640081

■ 744781

■ 775481

■ 7A6181

■ 7D6D81

■ 7F7A81

■ 828781

■ 859481

Harmonies

Analogous

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



003E9E



6B2081



8D0055

Triad

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



6B2081



603D00



005764

Complementary

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



6B2081



368120

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.



005633



6B2081



354B00

Square

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



6B2081



812200



005200



00558D

Rectangle

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



6B2081



930036



005200



005754

Sweetspot

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



6B2081



A082A8



203781



4F3D54



D4D4D4



545454

Same Dimension

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



6B2081



8611A8



812067



3E3940



630080



000000

Inverse Universe

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



812036



A81133



20813A



40393B



80001D



000000

Previews

White Background



This preview shows how the Hex color 6B2081 looks on a white background.

Color Contrast Check

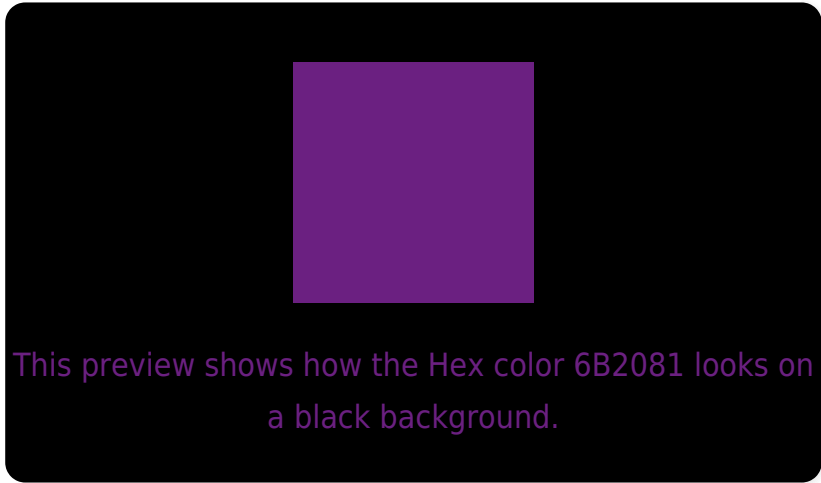
Large Text (above 18pt) WCAG AA ✓ Pass

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

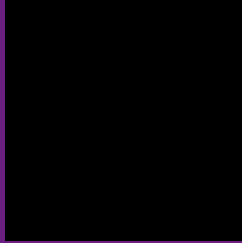
Any Text WCAG AA × Fail

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 6B2081 Background



This preview shows how black text looks on a background with the Hex color 6B2081.

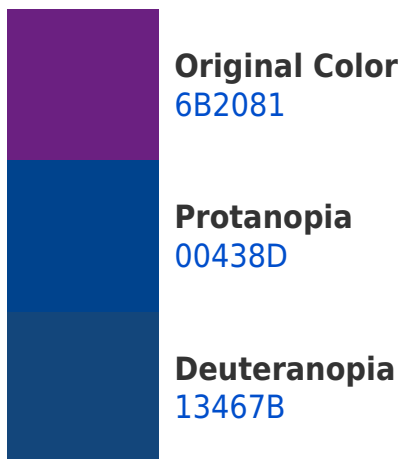



This preview shows how white text looks on a background with the Hex color 6B2081.

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](#).

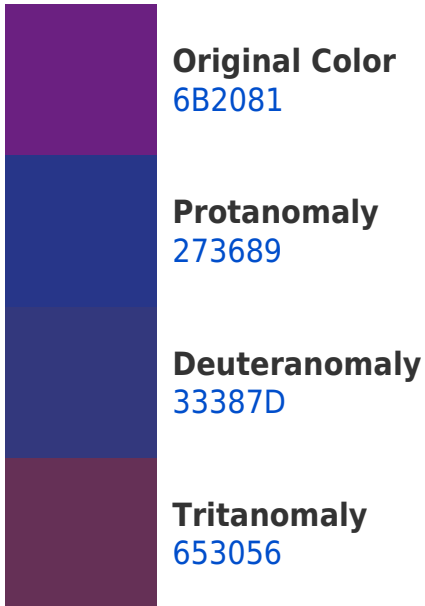
Dichromacy



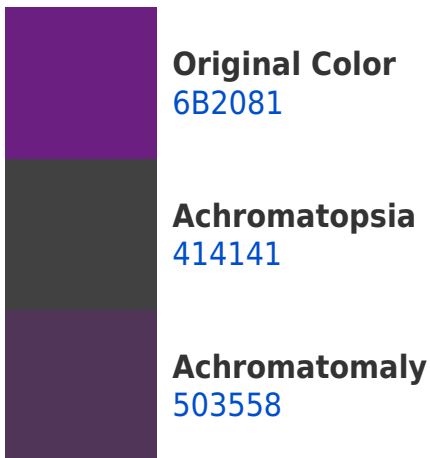


Tritanopia
61393D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2081 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 #6B2081 looks like.

```
.text, #text, p{  
    color:#6B2081  
}
```

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 #6B2081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2081
}
```

Border

The CSS property to change the border of an element to Hex 6B2081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

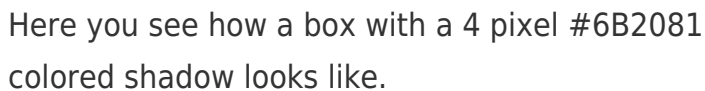
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2081 }
```

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

```
.border{ border-color:#6B2081 }
```

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



Here you see how a box with a 4 pixel #6B2081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2081; -webkit-box-shadow:4px 4px  
4px 4px #6B2081; box-shadow:4px 4px 4px  
4px #6B2081 }
```

Background

The CSS property to change the background color of an element to Hex 6B2081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2081 }
```

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

```
.background{ background-color:#6B2081 }
```

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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