

Converting Colors

Hex(6B2286)

Have a look what the booklet for
Hex(6B2286) contains.

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Color

Hex(6B2286)

Conversions

Conversions Part 1

Format	Color
Hex	6B2286
RGB	107, 34, 134
RGB Percent	42%, 13%, 53%
CMY	0.5804, 0.8667, 0.4745
CMYK	0.20, 0.75, 0.00, 0.47
HSL	284°, 60%, 33%
HSV	284°, 75%, 53%
XYZ	10.9385, 5.9911, 23.1341
YIQ	67.2270, 11.4080, 46.5760

Conversions

Conversions Part 2

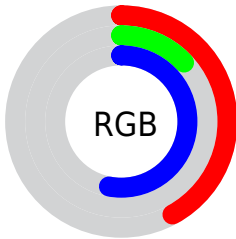
Format	Color
RYB	107, 34, 134
Decimal	7021190
CIELab	29.39, 47.56, -41.08
CIELCh	29, 62.848, 319.179
Yxy	5.9911, 0.2730, 0.1495
Android (android.graphics.Color)	4285211270 (0xFF6B2286)
YUV	67.2270, 32.9191, 34.8809
Hunter-Lab	24.4767, 36.9365, -38.9042

Details

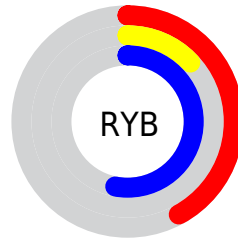
The Hex color **6B2286** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3D8622**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A156BC**, and **370053** is the 20% darker color. If you saturate the color by 10%, you get **671586**, and if you desaturate by 10%, it is **6F2F86**.

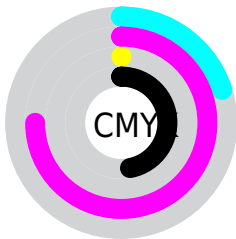
Distribution



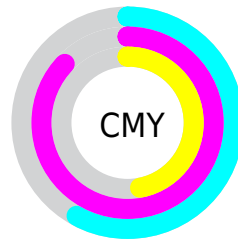
- Red (42%)
- Green (13%)
- Blue (53%)



- Red (42%)
- Yellow (13%)
- Blue (53%)



- Cyan (20%)
- Magenta (75%)
- Yellow (0%)
- Black (47%)



- Cyan (58%)
- Magenta (87%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2286 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 6B2286 by changing the saturation by 10% instead.

6B2286

6B2286

FFFFFF

51016C

A156BC

370053

BE70D8

21003C

DA8BF5

000125

F7A6FF

00010D

FFC2FF

000000

FFDEFF

FFFBFF

6B2286

6B2286

671586

6F2F86

640786

723D86

620086

764A86

795886

7D6586

817286

848086

888D86

8C9B86

Harmonies

Analogous

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



0041A3



6B2286



900059

Triad

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



6B2286



643D00



005964

Complementary

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



6B2286



3D8622

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.



005731



6B2286



384C00

Square

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



6B2286



852000



005400



00578F

Rectangle

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



6B2286



970039



005400



005854

Sweetspot

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



6B2286



A387AD



223E86



514057



D6D6D6



575757

Same Dimension

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



6B2286



8311AD



862270



413C42



5F0082



020003

Inverse Universe

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



86223D



AD113B



228638



423C3D



820023



030001

Previews

White Background



This preview shows how the Hex color 6B2286 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

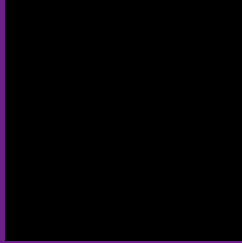
Any Text WCAG AA × Fail

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 6B2286 Background



This preview shows how black text looks on a background with the Hex color 6B2286.

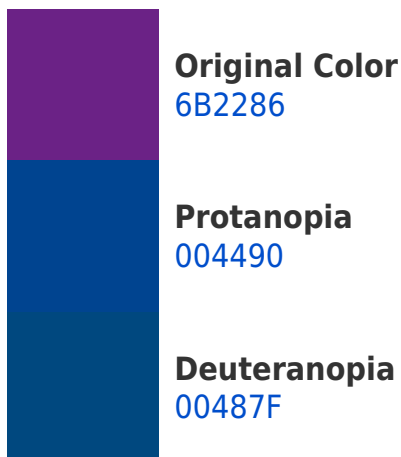


This preview shows how white text looks on a background with the Hex color 6B2286.

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
613C40

Trichromacy



Original Color
6B2286



Protanomaly
27388C



Deuteranomaly
273A82



Tritanomaly
653359

Monochromacy



Original Color
6B2286



Achromatopsia
434343



Achromatomaly
52375B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2286 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 #6B2286 looks like.

```
.text, #text, p{  
    color:#6B2286  
}
```

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 #6B2286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2286
}
```

Border

The CSS property to change the border of an element to Hex 6B2286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

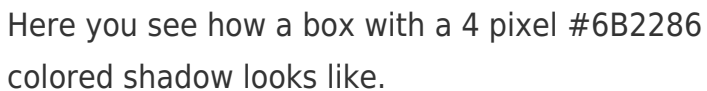
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2286 }
```

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

```
.border{ border-color:#6B2286 }
```

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



Here you see how a box with a 4 pixel #6B2286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2286; -webkit-box-shadow:4px 4px  
4px 4px #6B2286; box-shadow:4px 4px 4px  
4px #6B2286 }
```

Background

The CSS property to change the background color of an element to Hex 6B2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2286 }
```

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

```
.background{ background-color:#6B2286 }
```

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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