

Converting Colors

Hex(6C288B)

Have a look what the booklet for
Hex(6C288B) contains.

Hex(6C288B)	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(6C288B)

Conversions

Conversions Part 1

Format	Color
Hex	6C288B
RGB	108, 40, 139
RGB Percent	42%, 16%, 55%
CMY	0.5765, 0.8431, 0.4549
CMYK	0.22, 0.71, 0.00, 0.45
HSL	281°, 55%, 35%
HSV	281°, 71%, 55%
XYZ	11.6033, 6.5698, 25.0826
YIQ	71.6180, 8.7490, 45.2050

Conversions

Conversions Part 2

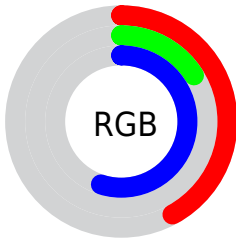
Format	Color
R_{YB}	108, 40, 139
Decimal	7088267
CIE _{Lab}	30.81, 46.28, -41.90
CIE _{LCh}	31, 62.434, 317.845
Yxy	6.5698, 0.2682, 0.1519
Android (android.graphics.Color)	4285278347 (0xFF6C288B)
YUV	71.6180, 33.2193, 31.9070
Hunter-Lab	25.6316, 35.9508, -40.0779

Details

The Hex color **6C288B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **478B28**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A25BC1**, and **380058** is the 20% darker color. If you saturate the color by 10%, you get **681A8B**, and if you desaturate by 10%, it is **70368B**.

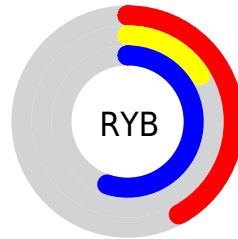
Distribution



Red (42%)

Green (16%)

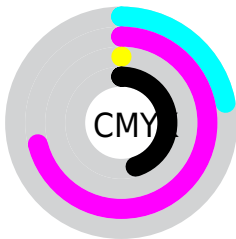
Blue (55%)



Red (42%)

Yellow (16%)

Blue (55%)

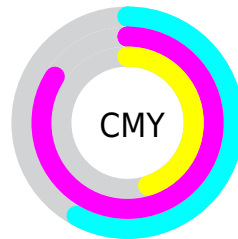


Cyan (22%)

Magenta (71%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (84%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C288B 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 6C288B by changing the saturation by 10% instead.

 6C288B

 6C288B

FFFFFF

 520A71

 A25BC1

 380058

 BF75DD

 220040

 DB90FA

 000029

 F9ABFF

 000113

 FFC7FF

 000000

 FFE4FF

 6C288B

 6C288B

 681A8B

 70368B

630C8B

75448B

5F008B

79528B

7D608B

826D8B

867B8B

8A898B

8F978B

93A58B

Harmonies

Analogous

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



0045A7



6C288B



93005F

Triad

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



6C288B



6A3F00



005C65

Complementary

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



6C288B



478B28

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.



005B32



6C288B



3F4F00

Square

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



6C288B



8A2300



005700



005B91

Rectangle

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



6C288B



9A003E



005700



005C55

Sweetspot

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



6C288B



A98FB5



28478B



55455C



DBDBDB



5C5C5C

Same Dimension

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



6C288B



851BB5



8B2879



433E45



5B0085



040005

Inverse Universe

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



8B2847



B51B4B



288B3A



453E40



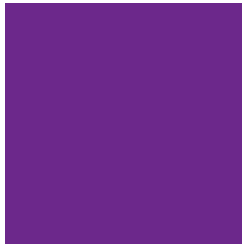
85002A



050002

Previews

White Background



This preview shows how the Hex color 6C288B looks on a white background.

Color Contrast Check

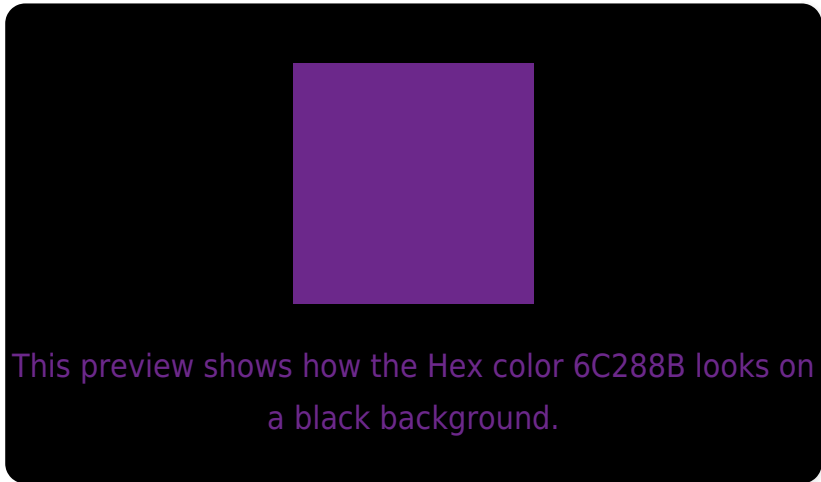
Large Text (above 18pt) WCAG AA ✓ Pass

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

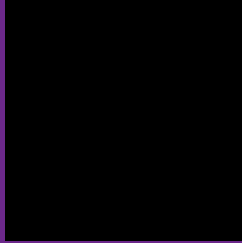
Any Text WCAG AA × Fail

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 6C288B Background



This preview shows how black text looks on a background with the Hex color 6C288B.

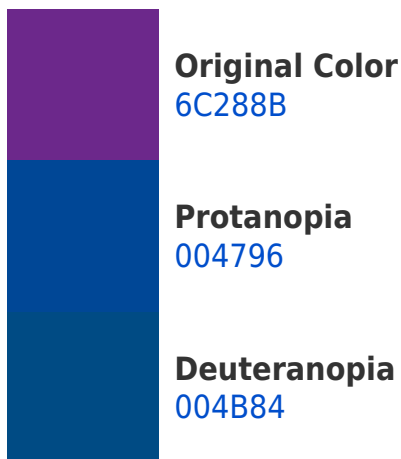


This preview shows how white text looks on a background with the Hex color 6C288B.

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](#).

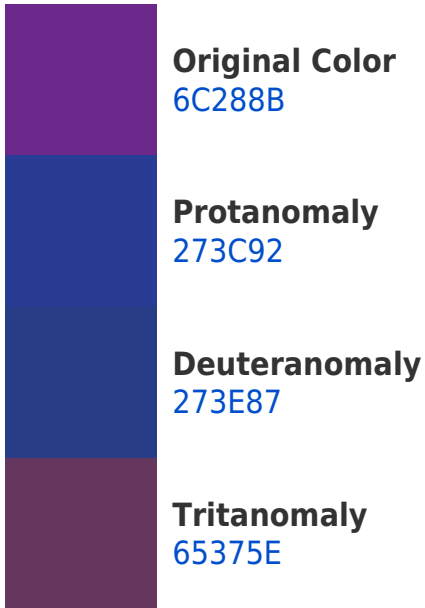
Dichromacy



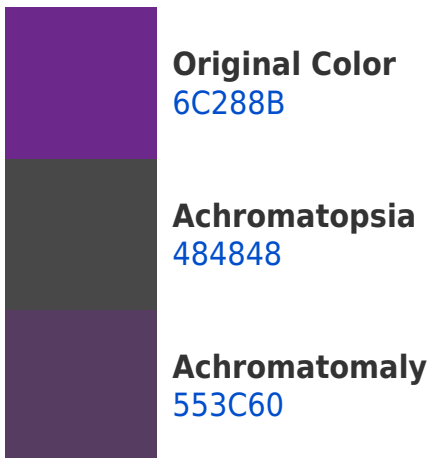


Tritanopia
614045

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C288B 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 #6C288B looks like.

```
.text, #text, p{  
    color:#6C288B  
}
```

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 #6C288B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C288B
}
```

Border

The CSS property to change the border of an element to Hex 6C288B is called "border". The border property can be set on classes, ids or directly on the HTML element.

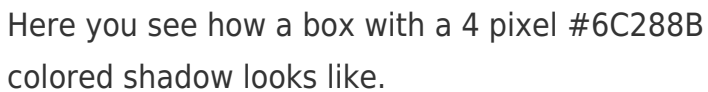
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C288B }
```

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

```
.border{ border-color:#6C288B }
```

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



Here you see how a box with a 4 pixel #6C288B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C288B; -webkit-box-shadow:4px 4px  
4px 4px #6C288B; box-shadow:4px 4px 4px  
4px #6C288B }
```

Background

The CSS property to change the background color of an element to Hex 6C288B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C288B }
```

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

```
.background{ background-color:#6C288B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor