

Converting Colors

Hex(6828C9)

Have a look what the booklet for
Hex(6828C9) contains.

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Color

Hex(6828C9)

Conversions

Conversions Part 1

Format	Color
Hex	6828C9
RGB	104, 40, 201
RGB Percent	41%, 16%, 79%
CMY	0.5922, 0.8431, 0.2118
CMYK	0.48, 0.80, 0.00, 0.21
HSL	264°, 67%, 47%
HSV	264°, 80%, 79%
XYZ	17.0103, 8.6777, 56.0368
YIQ	77.4900, -13.5370, 63.6390

Conversions

Conversions Part 2

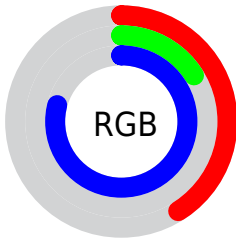
Format	Color
R_{YB}	104, 40, 201
Decimal	6826185
CIE _{Lab}	35.36, 60.41, -71.73
CIE _{LCh}	35, 93.778, 310.102
Yxy	8.6777, 0.2081, 0.1062
Android (android.graphics.Color)	4285016265 (0xFF6828C9)
YUV	77.4900, 60.8904, 23.2493
Hunter-Lab	29.4579, 51.5226, -92.1648

Details

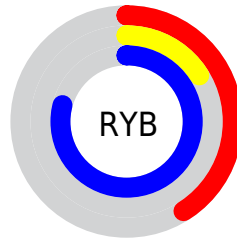
The Hex color **6828C9** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **89C928**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A35EFF**, and **250092** is the 20% darker color. If you saturate the color by 10%, you get **5C14C9**, and if you desaturate by 10%, it is **743CC9**.

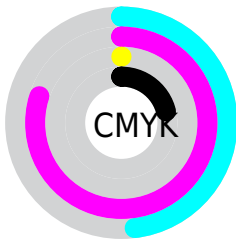
Distribution



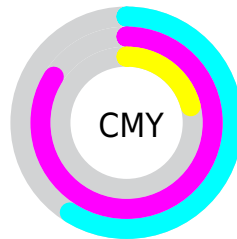
- Red (41%)
- Green (16%)
- Blue (79%)



- Red (41%)
- Yellow (16%)
- Blue (79%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (84%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6828C9 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 6828C9 by changing the saturation by 10% instead.

6828C9

6828C9

FFFFFF

4905AD

A35EFF

250092

C178FF

000077

DF94FF

00005D

FEAFFF

000844

FFCBFF

00032D

FFE8FF

000118

000000

6828C9

6828C9

■ 5C14C9

■ 743CC9

■ 5000C9

■ 8050C9

■ 8C64C9

■ 9878C9

■ A58DC9

■ B1A1C9

■ BDB5C9

■ C9C9C9

■ D5DDC9

Harmonies

Analogous

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



0058EC



6828C9



B80088

Triad

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



6828C9



8D3B00



006D6C

Complementary

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



6828C9



89C928

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.



006B18



6828C9



4F5900

Square

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



6828C9



B90000



006600



006EB4

Rectangle

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



6828C9



CA0057



006600



006C52

Sweetspot

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



6828C9



DAC2FF



288BC9



695B80



000000



808080

Same Dimension

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



6828C9



6C0AFF



B628C9



5D5A63



4100A3



0E0024

Inverse Universe

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



C92889



FF0A9E



3BC928



635A5F



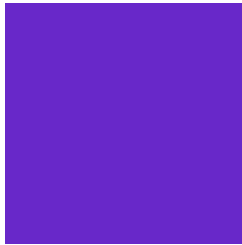
A30062



240016

Previews

White Background



This preview shows how the Hex color 6828C9 looks on a white background.

Color Contrast Check

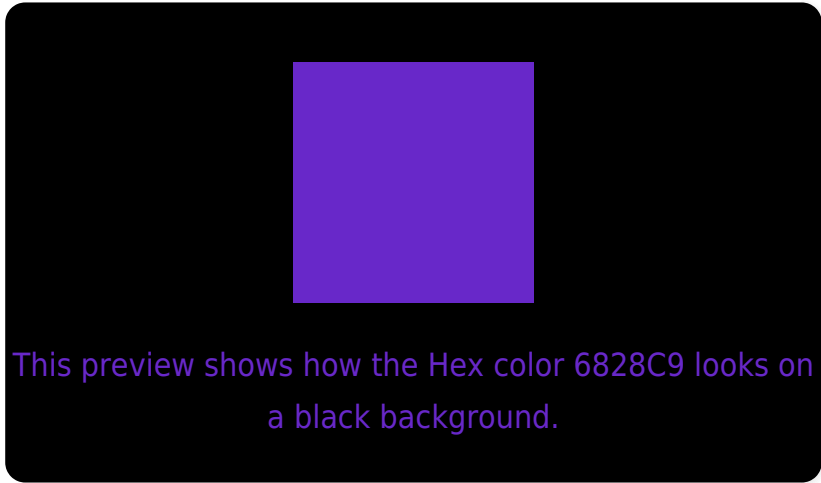
Large Text (above 18pt) WCAG AA ✓ Pass

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

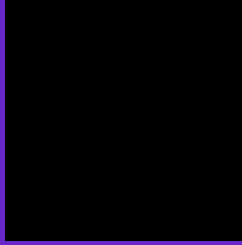
Any Text WCAG AA × Fail

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 6828C9 Background



This preview shows how black text looks on a background with the Hex color 6828C9.

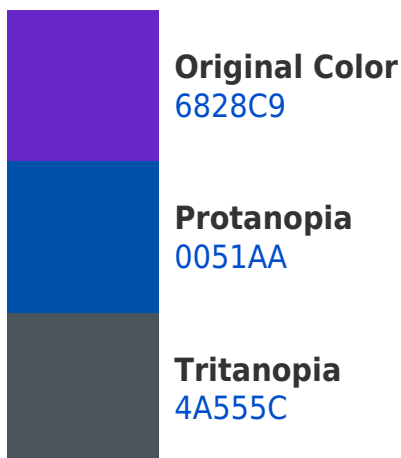


This preview shows how white text looks on a background with the Hex color 6828C9.

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



Trichromacy



Original Color
6828C9



Protanomaly
2642B5

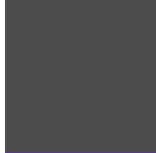


Tritanomaly
554584

Monochromacy



Original Color
6828C9



Achromatopsia
4D4D4D



Achromatomaly
57407A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6828C9 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 #6828C9 looks like.

```
.text, #text, p{  
    color:#6828C9  
}
```

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 #6828C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6828C9
}
```

Border

The CSS property to change the border of an element to Hex 6828C9 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".

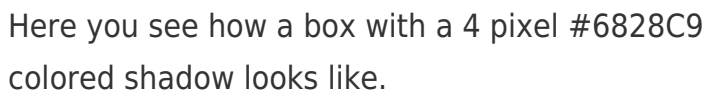
```
.border, #border, table{ border:4px solid
#6828C9 }
```

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

```
.border{ border-color:#6828C9 }
```

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

Here you see how a box with a 4 pixel #6828C9 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6828C9; -webkit-box-shadow:4px 4px  
4px 4px #6828C9; box-shadow:4px 4px 4px  
4px #6828C9 }
```

Background

The CSS property to change the background color of an element to Hex 6828C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6828C9 }
```

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

```
.background{ background-color:#6828C9 }
```

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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