

Converting Colors

Hex(6718B9)

Have a look what the booklet for
Hex(6718B9) contains.

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Color

Hex(6718B9)

Conversions

Conversions Part 1

Format	Color
Hex	6718B9
RGB	103, 24, 185
RGB Percent	40%, 9%, 73%
CMY	0.5961, 0.9059, 0.2745
CMYK	0.44, 0.87, 0.00, 0.27
HSL	269°, 77%, 41%
HSV	269°, 87%, 73%
XYZ	14.6771, 7.0396, 46.4842
YIQ	65.9750, -4.5970, 66.8190

Conversions

Conversions Part 2

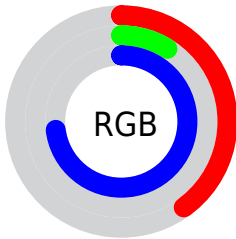
Format	Color
R_{YB}	103, 24, 185
Decimal	6756537
CIE _{Lab}	31.90, 61.80, -68.01
CIE _{LCh}	32, 91.895, 312.258
Yxy	7.0396, 0.2152, 0.1032
Android (android.graphics.Color)	4284946617 (0xFF6718B9)
YUV	65.9750, 58.6793, 32.4709
Hunter-Lab	26.5323, 52.3111, -85.3026

Details

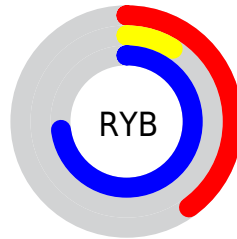
The Hex color **6718B9** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **6AB918**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A252F2**, and **280082** is the 20% darker color. If you saturate the color by 10%, you get **5E05B9**, and if you desaturate by 10%, it is **702BB9**.

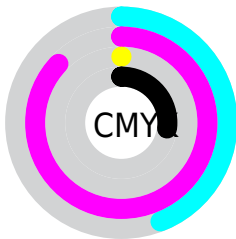
Distribution



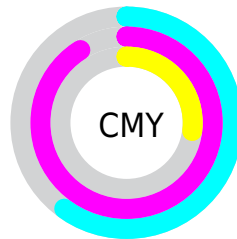
- Red (40%)
- Green (9%)
- Blue (73%)



- Red (40%)
- Yellow (9%)
- Blue (73%)



- Cyan (44%)
- Magenta (87%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6718B9 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 6718B9 by changing the saturation by 10% instead.

6718B9

6718B9

FFFFFF

49009D

A252F2

280082

BF6DFF

000068

DD88FF

00004F

FBA3FF

000537

FFC0FF

000221

FFDCFF

000006

FFFAFF

000000

6718B9

6718B9

■ 5E05B9

■ 702BB9

■ 5B00B9

■ 7A3DB9

■ 834FB9

■ 8D62B9

■ 9675B9

■ A087B9

■ A99AB9

■ B2ACB9

■ BCBE9

Harmonies

Analogous

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



004EDE



6718B9



AF0079

Triad

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



6718B9



7E3600



006468

Complementary

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



6718B9



6AB918

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.



006119



6718B9



415200

Square

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



6718B9



AA0000



005D00



0065AD

Rectangle

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



6718B9



BE004A



005D00



00634F

Sweetspot

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



6718B9



D0B1F0



186BB9



655378



F7F7F7



787878

Same Dimension

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



6718B9



7600F0



B618B9



57535C



4C009C



0E001C

Inverse Universe

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



B9186A



F0007A



1BB918



5C5357



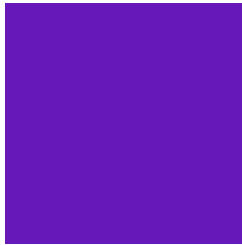
9C004F



1C000E

Previews

White Background



This preview shows how the Hex color 6718B9 looks on a white background.

Color Contrast Check

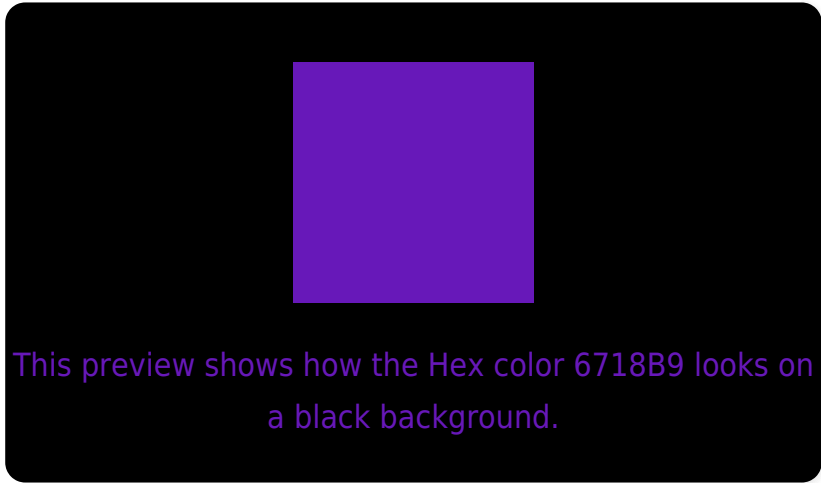
Large Text (above 18pt) WCAG AA ✓ Pass

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

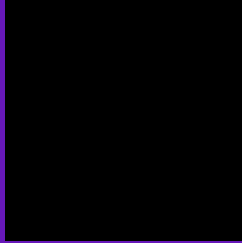
Any Text WCAG AA × Fail

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 6718B9 Background



This preview shows how black text looks on a background with the Hex color 6718B9.

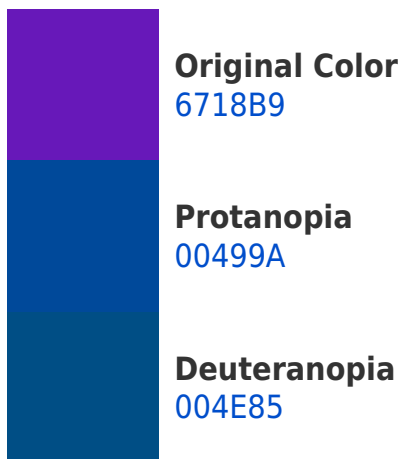


This preview shows how white text looks on a background with the Hex color 6718B9.

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
4E4B50

Trichromacy



Original Color
6718B9



Protanomaly
2537A5



Deuteranomaly
253A98



Tritanomaly
573876

Monochromacy



Original Color
6718B9



Achromatopsia
424242



Achromatomaly
4F336D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6718B9 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 #6718B9 looks like.

```
.text, #text, p{  
    color:#6718B9  
}
```

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 #6718B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6718B9
}
```

Border

The CSS property to change the border of an element to Hex 6718B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

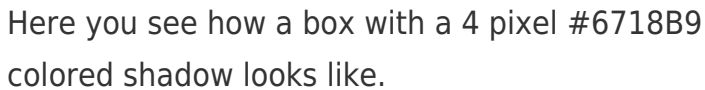
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6718B9 }
```

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

```
.border{ border-color:#6718B9 }
```

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



Here you see how a box with a 4 pixel #6718B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6718B9; -webkit-box-shadow:4px 4px  
4px 4px #6718B9; box-shadow:4px 4px 4px  
4px #6718B9 }
```

Background

The CSS property to change the background color of an element to Hex 6718B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6718B9 }
```

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

```
.background{ background-color:#6718B9 }
```

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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