

Converting Colors

Hex(6B5D9A)

Have a look what the booklet for
Hex(6B5D9A) contains.

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Color

Hex(6B5D9A)

Conversions

Conversions Part 1

Format	Color
Hex	6B5D9A
RGB	107, 93, 154
RGB Percent	42%, 36%, 60%
CMY	0.5804, 0.6353, 0.3961
CMYK	0.31, 0.40, 0.00, 0.40
HSL	254°, 25%, 48%
HSV	254°, 40%, 60%
XYZ	15.8105, 13.2876, 32.3033
YIQ	104.1400, -11.2370, 21.9390

Conversions

Conversions Part 2

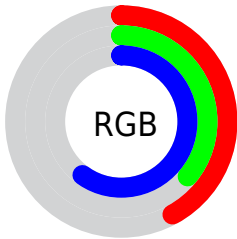
Format	Color
R_{YB}	107, 93, 154
Decimal	7036314
CIE _{Lab}	43.19, 19.84, -31.33
CIE _{LCh}	43, 37.086, 302.340
Yxy	13.2876, 0.2575, 0.2164
Android (android.graphics.Color)	4285226394 (0xFF6B5D9A)
YUV	104.1400, 24.5810, 2.5082
Hunter-Lab	36.4522, 13.6300, -27.0253

Details

The Hex color **6B5D9A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C9A5D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A08FD1**, and **392F66** is the 20% darker color. If you saturate the color by 10%, you get **5F4E9A**, and if you desaturate by 10%, it is **776C9A**.

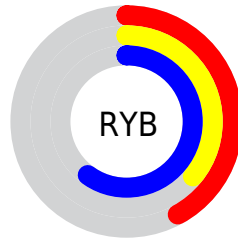
Distribution



Red (42%)

Green (36%)

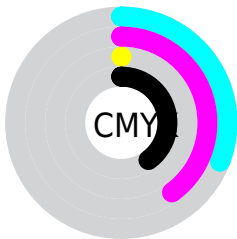
Blue (60%)



Red (42%)

Yellow (36%)

Blue (60%)

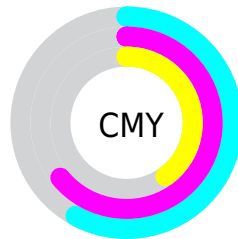


Cyan (31%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5D9A 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 6B5D9A by changing the saturation by 10% instead.

■ 6B5D9A

■ 6B5D9A

FFFFFF

■ 524580

■ A08FD1

■ 392F66

■ BBAAED

■ 201A4E

■ D8C5FF

■ 0A0137

■ F4E1FF

■ 000221

FFFEFF

■ 000006

■ 000000

■ 6B5D9A

■ 6B5D9A

■ 5F4E9A

■ 776C9A

■ 533E9A

■ 837C9A

■ 472F9A

■ 8F8B9A

■ 3C1F9A

■ 9A9B9A

■ 30109A

■ A6AA9A

■ 24019A

■ B2B99A

■ 23009A

■ BEC99A

■ CAD89A

■ D6E89A

Harmonies

Analogous

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



3069A3



6B5D9A



8E5183

Triad

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



6B5D9A



8E5A30



007568

Complementary

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



6B5D9A



8C9A5D

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.



2C7348



6B5D9A



756526

Square

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



6B5D9A



9D4F47



566E30



007586

Rectangle

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



6B5D9A



9A4C6F



566E30



00755D

Sweetspot

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



6B5D9A



B7B1C9



5D8D9A



5B5866



E6E6E6



666666

Same Dimension

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



6B5D9A



7F69C9



895D9A



47454D



20008C



03000D

Inverse Universe

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



9A5D8C



C969B3



6E9A5D



4D454B



8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 6B5D9A 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

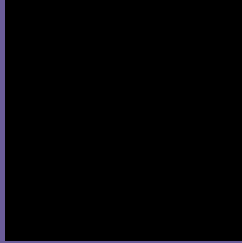
Any Text WCAG AA × Fail

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 6B5D9A Background



This preview shows how black text looks on a background with the Hex color 6B5D9A.

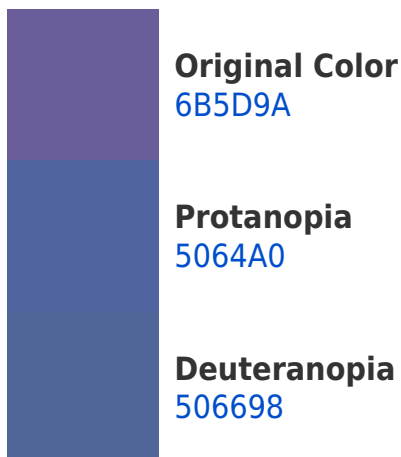



This preview shows how white text looks on a background with the Hex color 6B5D9A.

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
62666E

Trichromacy



Original Color
6B5D9A

Protanomaly
5A619E

Deuteranomaly
5A6399

Tritanomaly
65637E

Monochromacy



Original Color
6B5D9A

Achromatopsia
686868

Achromatomaly
69647A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5D9A 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 #6B5D9A looks like.

```
.text, #text, p{  
    color:#6B5D9A  
}
```

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 #6B5D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5D9A
}
```

Border

The CSS property to change the border of an element to Hex 6B5D9A 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
#6B5D9A }
```

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

```
.border{ border-color:#6B5D9A }
```

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

Here you see how a box with a 4 pixel #6B5D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5D9A; -webkit-box-shadow:4px 4px  
4px 4px #6B5D9A; box-shadow:4px 4px 4px  
4px #6B5D9A }
```

Background

The CSS property to change the background color of an element to Hex 6B5D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5D9A }
```

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

```
.background{ background-color:#6B5D9A }
```

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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