

Converting Colors

Hex(666D9B)

Have a look what the booklet for
Hex(666D9B) contains.

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Color

Hex(666D9B)

Conversions

Conversions Part 1

Format	Color
Hex	666D9B
RGB	102, 109, 155
RGB Percent	40%, 43%, 61%
CMY	0.6000, 0.5725, 0.3922
CMYK	0.34, 0.30, 0.00, 0.39
HSL	232°, 21%, 50%
HSV	232°, 34%, 61%
XYZ	16.8645, 16.1286, 33.2346
YIQ	112.1510, -18.9380, 12.8220

Conversions

Conversions Part 2

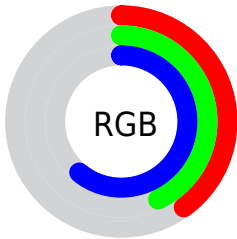
Format	Color
R_{YB}	102, 108, 155
Decimal	6712731
CIE _{Lab}	47.14, 8.80, -25.79
CIE _{LCh}	47, 27.252, 288.829
Yxy	16.1286, 0.2546, 0.2435
Android (android.graphics.Color)	4284902811 (0xFF666D9B)
YUV	112.1510, 21.1246, -8.9024
Hunter-Lab	40.1604, 4.6765, -20.9529

Details

The Hex color **666D9B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B9466**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9AA0D2**, and **343E68** is the 20% darker color. If you saturate the color by 10%, you get **57609B**, and if you desaturate by 10%, it is **767A9B**.

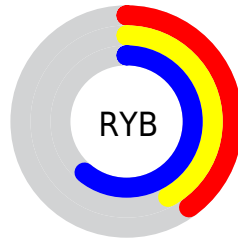
Distribution



Red (40%)

Green (43%)

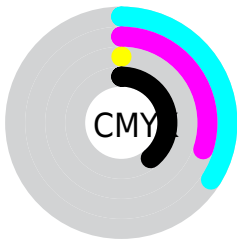
Blue (61%)



Red (40%)

Yellow (42%)

Blue (61%)

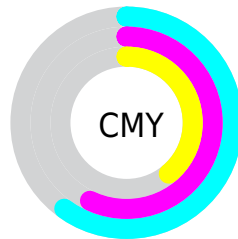


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (39%)



Cyan (60%)

Magenta (57%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666D9B 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 666D9B by changing the saturation by 10% instead.



666D9B



666D9B

FFFFFF



4D5581



9AA0D2



343E68



B6BBEE



1C284F



D2D7FF



001438



EEF3FF



000222



000009



000000



666D9B



666D9B



57609B



767A9B

■ 47529B

■ 85889B

■ 38459B

■ 95959B

■ 28379B

■ A4A39B

■ 192A9B

■ B4B09B

■ 091C9B

■ C3BE9B

■ 00149B

■ D3CB9B

■ E2D99B

■ F2E69B

Harmonies

Analogous

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



40759C



666D9B



84658E

Triad

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



666D9B



96644E



397C66

Complementary

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



666D9B



9B9466

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.



567851



666D9B



876B43

Square

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



666D9B



9D5F62



707344



1A7C7E

Rectangle

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



666D9B



926081



707344



437B5E

Sweetspot

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



666D9B



B5B8C9



669B94



5A5B66



E6E6E6



666666

Same Dimension

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



666D9B



7782C9



79669B



45464D



00138C



00020D

Inverse Universe

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



9B666D



C97782



889B66



4D4546



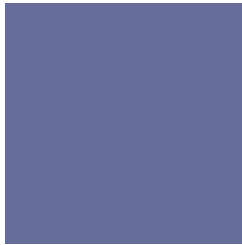
8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 666D9B looks on a white background.

Color Contrast Check

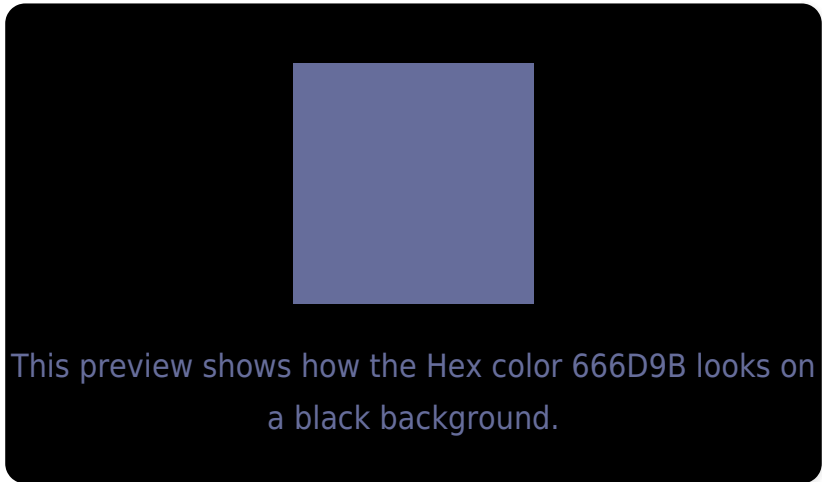
Large Text (above 18pt) WCAG AA ✓ Pass

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

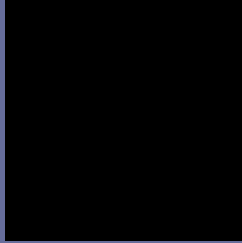
Any Text WCAG AA × Fail

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 666D9B Background



This preview shows how black text looks on a background with the Hex color 666D9B.



This preview shows how white text looks on a background with the Hex color 666D9B.

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



Original Color

666D9B

Protanopia

626E9C

Deuteranopia

616E9B



Tritanopia
5F737C

Trichromacy



Original Color
666D9B

Protanomaly
636E9C

Deuteranomaly
636E9B

Tritanomaly
627187

Monochromacy



Original Color
666D9B

Achromatopsia
707070

Achromatomaly
6C6F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 666D9B 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 #666D9B looks like.

```
.text, #text, p{  
    color:#666D9B  
}
```

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 #666D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666D9B
}
```

Border

The CSS property to change the border of an element to Hex 666D9B 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".

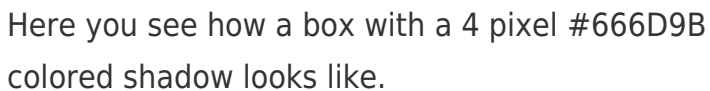
```
.border, #border, table{ border:4px solid
#666D9B }
```

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

```
.border{ border-color:#666D9B }
```

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

Here you see how a box with a 4 pixel #666D9B colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666D9B; -webkit-box-shadow:4px 4px  
4px 4px #666D9B; box-shadow:4px 4px 4px  
4px #666D9B }
```

Background

The CSS property to change the background color of an element to Hex 666D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666D9B }
```

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

```
.background{ background-color:#666D9B }
```

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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