

Converting Colors

Hex(6628B6)

Have a look what the booklet for
Hex(6628B6) contains.

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Color

Hex(6628B6)

Conversions

Conversions Part 1

Format	Color
Hex	6628B6
RGB	102, 40, 182
RGB Percent	40%, 16%, 71%
CMY	0.6000, 0.8431, 0.2863
CMYK	0.44, 0.78, 0.00, 0.29
HSL	266°, 64%, 44%
HSV	266°, 78%, 71%
XYZ	14.6818, 7.7198, 44.9722
YIQ	74.7260, -8.6300, 57.3060

Conversions

Conversions Part 2

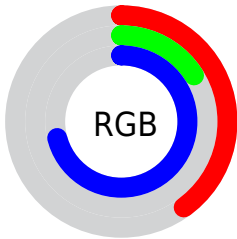
Format	Color
RYB	102, 40, 182
Decimal	6695094
CIELab	33.39, 55.38, -63.79
CIElCh	33, 84.471, 310.965
Yxy	7.7198, 0.2179, 0.1146
Android (android.graphics.Color)	4284885174 (0xFF6628B6)
YUV	74.7260, 52.8861, 23.9193
Hunter-Lab	27.7845, 45.6996, -76.5183

Details

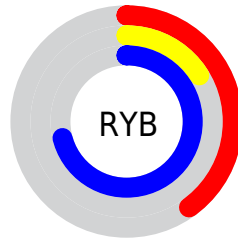
The Hex color **6628B6** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **78B628**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A05DEF**, and **290080** is the 20% darker color. If you saturate the color by 10%, you get **5C16B6**, and if you desaturate by 10%, it is **703AB6**.

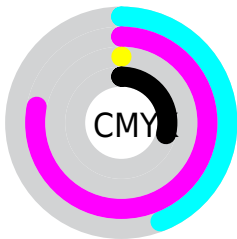
Distribution



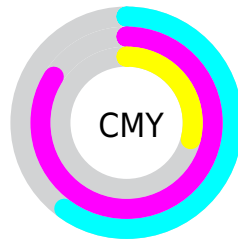
- Red (40%)
- Green (16%)
- Blue (71%)



- Red (40%)
- Yellow (16%)
- Blue (71%)



- Cyan (44%)
- Magenta (78%)
- Yellow (0%)
- Black (29%)



- Cyan (60%)
- Magenta (84%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6628B6 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 6628B6 by changing the saturation by 10% instead.

 6628B6

 6628B6


FFFFFF

 49079B

 A05DEF

 290080

 BD77FF

 000066

 DA92FF

 00004D

 F8ADFF

 000535

 FFC9FF

 00021F

 FFE6FF

 000002

 000000

 6628B6

 6628B6

■ 5C16B6

■ 703AB6

■ 5104B6

■ 7B4CB6

■ 4F00B6

■ 855FB6

■ 8F71B6

■ 9983B6

■ A495B6

■ AEA7B6

■ B8BAB6

■ C2CCB6

Harmonies

Analogous

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



0051D6



6628B6



AA007C

Triad

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



6628B6



823A00



006767

Complementary

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



6628B6



78B628

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.



00641E



6628B6



4A5400

Square

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



6628B6



AA0000



006000



0067A7

Rectangle

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



6628B6



BA0050



006000



00664F

Sweetspot

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



6628B6



CEB7ED



2878B6



655678



F7F7F7



787878

Same Dimension

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



6628B6



700EED



AD28B6



57535C



44009C



0C001C

Inverse Universe

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



B62878



ED0E8C



31B628



5C5358



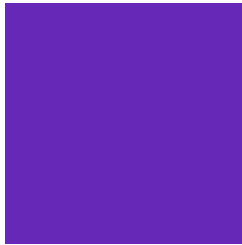
9C0058



1C0010

Previews

White Background



This preview shows how the Hex color 6628B6 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

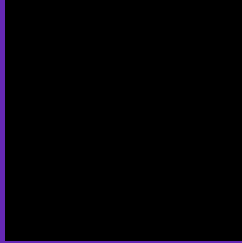
Any Text WCAG AA × Fail

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 6628B6 Background



This preview shows how black text looks on a background with the Hex color 6628B6.

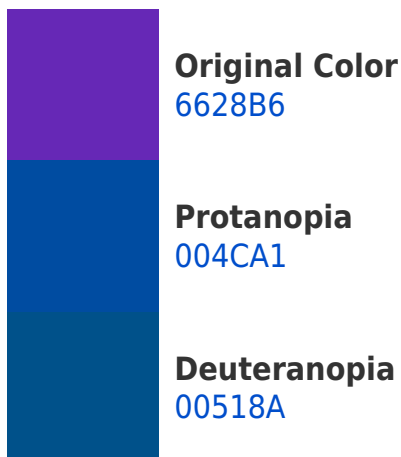



This preview shows how white text looks on a background with the Hex color 6628B6.

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
4F4E54

Trichromacy



Original Color
6628B6



Protanomaly
253FA9



Deuteranomaly
25429A



Tritanomaly
574078

Monochromacy



Original Color
6628B6



Achromatopsia
4B4B4B



Achromatomaly
553E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 6628B6 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 #6628B6 looks like.

```
.text, #text, p{  
    color:#6628B6  
}
```

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 #6628B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6628B6
}
```

Border

The CSS property to change the border of an element to Hex 6628B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

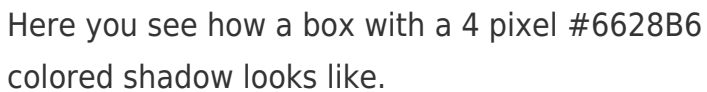
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6628B6 }
```

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

```
.border{ border-color:#6628B6 }
```

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



Here you see how a box with a 4 pixel #6628B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6628B6; -webkit-box-shadow:4px 4px  
4px 4px #6628B6; box-shadow:4px 4px 4px  
4px #6628B6 }
```

Background

The CSS property to change the background color of an element to Hex 6628B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6628B6 }
```

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

```
.background{ background-color:#6628B6 }
```

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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