

Converting Colors

Hex(6660A8)

Have a look what the booklet for
Hex(6660A8) contains.

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Color

Hex(6660A8)

Conversions

Conversions Part 1

Format	Color
Hex	6660A8
RGB	102, 96, 168
RGB Percent	40%, 38%, 66%
CMY	0.6000, 0.6235, 0.3412
CMYK	0.39, 0.43, 0.00, 0.34
HSL	245°, 29%, 52%
HSV	245°, 43%, 66%
XYZ	16.7302, 14.0177, 38.8697
YIQ	106.0020, -19.5360, 23.6640

Conversions

Conversions Part 2

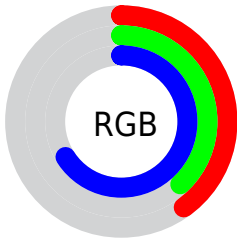
Format	Color
R_{YB}	102, 96, 168
Decimal	6709416
CIE _{Lab}	44.26, 20.48, -37.98
CIE _{LCh}	44, 43.154, 298.334
Yxy	14.0177, 0.2403, 0.2014
Android (android.graphics.Color)	4284899496 (0xFF6660A8)
YUV	106.0020, 30.5650, -3.5098
Hunter-Lab	37.4402, 14.2429, -35.3456

Details

The Hex color **6660A8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A2A860**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9C93E0**, and **323273** is the 20% darker color. If you saturate the color by 10%, you get **574FA8**, and if you desaturate by 10%, it is **7571A8**.

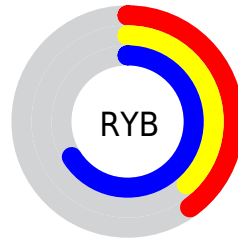
Distribution



Red (40%)

Green (38%)

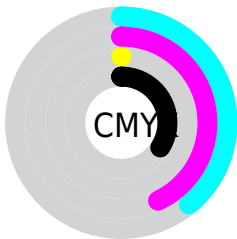
Blue (66%)



Red (40%)

Yellow (38%)

Blue (66%)

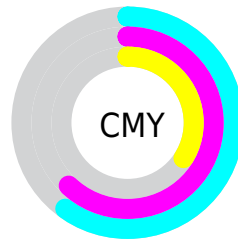


Cyan (39%)

Magenta (43%)

Yellow (0%)

Black (34%)



Cyan (60%)

Magenta (62%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6660A8 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 6660A8 by changing the saturation by 10% instead.

■ 6660A8

■ 6660A8

FFFFFF

■ 4C488D

■ 9C93E0

■ 323273

■ B7ADFC

■ 151D5A

■ D4C9FF

■ 000643

■ F1E5FF

■ 00032C

■ 000116

■ 000000

■ 6660A8

■ 6660A8

■ 574FA8

■ 7571A8

■ 473EA8

■ 8582A8

■ 382EA8

■ 9492A8

■ 281DA8

■ A4A3A8

■ 190CA8

■ B3B4A8

■ 0E00A8

■ C2C5A8

■ D2D6A8

■ E1E6A8

■ F1F7A8

Harmonies

Analogous

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



006DB0



6660A8



92518F

Triad

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



6660A8



99592B



007A65

Complementary

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



6660A8



A2A860

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.



287741



6660A8



7E661B

Square

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



6660A8



A94C49



5A7125



007A8A

Rectangle

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



6660A8



A34A78



5A7125



007959

Sweetspot

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



6660A8



C1BFDB



60A2A8



5E5C6E



EDEDED



6E6E6E

Same Dimension

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



6660A8



756BDB



8A60A8



4C4C54



0C0094



020014

Inverse Universe

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



A860A2



DB6BD2



7EA860



544C53



940088



140013

Previews

White Background



This preview shows how the Hex color 6660A8 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

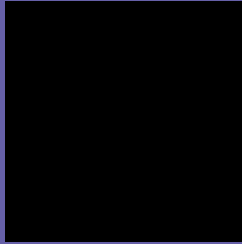
Any Text WCAG AA × Fail

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 6660A8 Background



This preview shows how black text looks on a background with the Hex color 6660A8.

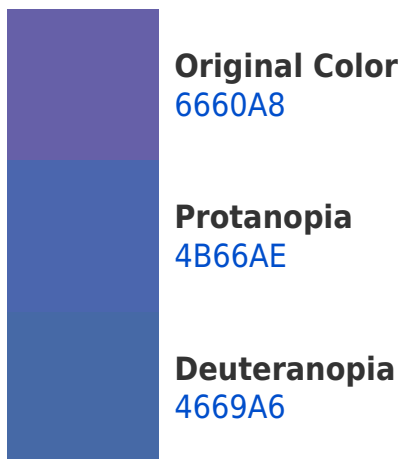


This preview shows how white text looks on a background with the Hex color 6660A8.

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](#).

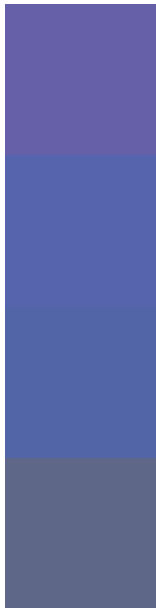
Dichromacy





Tritanopia
5A6B74

Trichromacy



Original Color
6660A8

Protanomaly
5564AC

Deuteranomaly
5266A7

Tritanomaly
5E6787

Monochromacy



Original Color
6660A8

Achromatopsia
6A6A6A

Achromatomaly
696681

CSS Examples

Text

The CSS property to change the color of the text to Hex 6660A8 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 #6660A8 looks like.

```
.text, #text, p{  
    color:#6660A8  
}
```

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 #6660A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6660A8  
}
```

Border

The CSS property to change the border of an element to Hex 6660A8 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  
#6660A8 }
```

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

```
.border{ border-color:#6660A8 }
```

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

Here you see how a box with a 4 pixel #6660A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6660A8; -webkit-box-shadow:4px 4px  
4px 4px #6660A8; box-shadow:4px 4px 4px  
4px #6660A8 }
```

Background

The CSS property to change the background color of an element to Hex 6660A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6660A8 }
```

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

```
.background{ background-color:#6660A8 }
```

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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