

Converting Colors

Hex(6676A1)

Have a look what the booklet for
Hex(6676A1) contains.

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Color

Hex(6676A1)

Conversions

Conversions Part 1

Format	Color
Hex	6676A1
RGB	102, 118, 161
RGB Percent	40%, 46%, 63%
CMY	0.6000, 0.5373, 0.3686
CMYK	0.37, 0.27, 0.00, 0.37
HSL	224°, 24%, 52%
HSV	224°, 37%, 63%
XYZ	18.3909, 18.3549, 36.2917
YIQ	118.1180, -23.3390, 9.9810

Conversions

Conversions Part 2

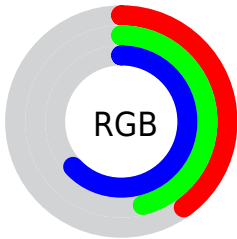
Format	Color
RYB	102, 115, 161
Decimal	6715041
CIELab	49.92, 5.04, -25.01
CIElCh	50, 25.511, 281.399
Yxy	18.3549, 0.2518, 0.2513
Android (android.graphics.Color)	4284905121 (0xFF6676A1)
YUV	118.1180, 21.1408, -14.1355
Hunter-Lab	42.8426, 1.6499, -20.2345

Details

The Hex color **6676A1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A19166**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9BAAD8**, and **34466D** is the 20% darker color. If you saturate the color by 10%, you get **566AA1**, and if you desaturate by 10%, it is **7682A1**.

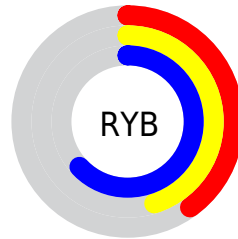
Distribution



Red (40%)

Green (46%)

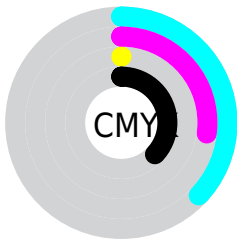
Blue (63%)



Red (40%)

Yellow (45%)

Blue (63%)

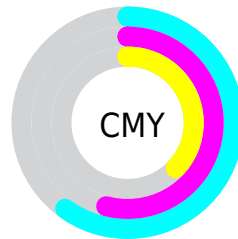


Cyan (37%)

Magenta (27%)

Yellow (0%)

Black (37%)



Cyan (60%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6676A1 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 6676A1 by changing the saturation by 10% instead.

■ 6676A1

■ 6676A1

FFFFFF

■ 4D5D87

■ 9BAAD8

■ 34466D

■ B6C5F4

■ 1A3055

■ D2E1FF

■ 001B3D

■ EFFEFF

■ 000028

■ 000111

■ 000000

■ 6676A1

■ 6676A1

■ 566AA1

■ 7682A1

■ 465FA1

■ 868DA1

■ 3653A1

■ 9699A1

■ 2647A1

■ A6A5A1

■ 163BA1

■ B7B1A1

■ 0530A1

■ C7BCA1

■ 002CA1

■ D7C8A1

■ E7D4A1

■ F7E0A1

Harmonies

Analogous

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



447D9F



6676A1



846E97

Triad

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



6676A1



9E6A5B



4B8268

Complementary

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



6676A1



A19166

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.



657E56



6676A1



91714E

Square

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



6676A1



A2666F



7D784C



33837F

Rectangle

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



6676A1



936A8C



7D784C



548161

Sweetspot

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



6676A1



BAC0D1



66A190



5B5F69



E8E8E8



696969

Same Dimension

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



6676A1



758ED1



7366A1



494C52



002791



000512

Inverse Universe

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



A16676



D1758E



94A166



52494C



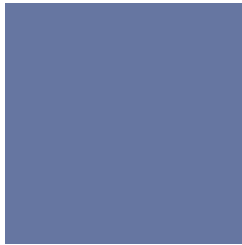
910027



120005

Previews

White Background



This preview shows how the Hex color 6676A1 looks on a white background.

Color Contrast Check

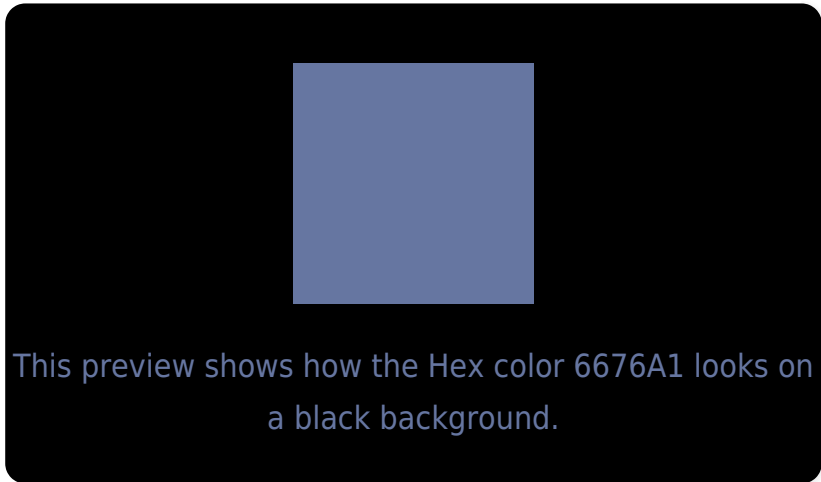
Large Text (above 18pt) WCAG AA ✓ Pass

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

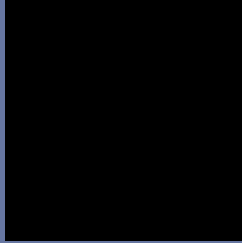
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

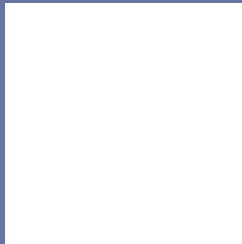
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6676A1 Background



This preview shows how black text looks on a background with the Hex color 6676A1.



This preview shows how white text looks on a background with the Hex color 6676A1.

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
6676A1

Protanopia
6A75A0

Deuteranopia
6A75A1



Tritanopia
5F7B85

Trichromacy



Original Color
6676A1

Protanomaly
6975A0

Deuteranomaly
6975A1

Tritanomaly
62798F

Monochromacy



Original Color
6676A1

Achromatopsia
767676

Achromatomaly
707686

CSS Examples

Text

The CSS property to change the color of the text to Hex 6676A1 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 #6676A1 looks like.

```
.text, #text, p{  
    color:#6676A1  
}
```

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 #6676A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6676A1
}
```

Border

The CSS property to change the border of an element to Hex 6676A1 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
#6676A1 }
```

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

```
.border{ border-color:#6676A1 }
```

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

Here you see how a box with a 4 pixel #6676A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6676A1; -webkit-box-shadow:4px 4px  
4px 4px #6676A1; box-shadow:4px 4px 4px  
4px #6676A1 }
```

Background

The CSS property to change the background color of an element to Hex 6676A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6676A1 }
```

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

```
.background{ background-color:#6676A1 }
```

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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