

Converting Colors

Hex(6C62AF)

Have a look what the booklet for
Hex(6C62AF) contains.

Hex(6C62AF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C62AF)

Conversions

Conversions Part 1

Format	Color
Hex	6C62AF
RGB	108, 98, 175
RGB Percent	42%, 38%, 69%
CMY	0.5765, 0.6157, 0.3137
CMYK	0.38, 0.44, 0.00, 0.31
HSL	248°, 32%, 54%
HSV	248°, 44%, 69%
XYZ	18.2899, 15.0187, 42.4923
YIQ	109.7680, -18.7570, 26.0670

Conversions

Conversions Part 2

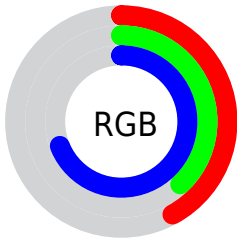
Format	Color
R_{YB}	108, 98, 175
Decimal	7103151
CIE _{Lab}	45.66, 22.89, -39.85
CIE _{LCh}	46, 45.952, 299.877
Yxy	15.0187, 0.2413, 0.1981
Android (android.graphics.Color)	4285293231 (0xFF6C62AF)
YUV	109.7680, 32.1594, -1.5505
Hunter-Lab	38.7539, 16.4236, -37.8817

Details

The Hex color **6C62AF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A5AF62**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A295E7**, and **37337A** is the 20% darker color. If you saturate the color by 10%, you get **5D51AF**, and if you desaturate by 10%, it is **7B74AF**.

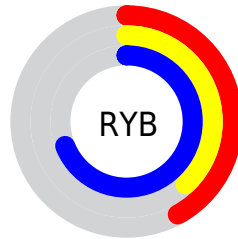
Distribution



Red (42%)

Green (38%)

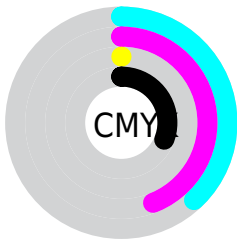
Blue (69%)



Red (42%)

Yellow (38%)

Blue (69%)

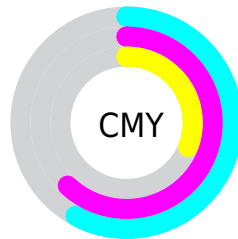


Cyan (38%)

Magenta (44%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (62%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C62AF 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 6C62AF by changing the saturation by 10% instead.

■ 6C62AF

■ 6C62AF

FFFFFF

■ 524A94

■ A295E7

■ 37337A

■ BEAFFF

■ 1C1E61

■ DBCBFF

■ 000948

■ F8E7FF

■ 000131

■ 00011B

■ 000000

■ 6C62AF

■ 6C62AF

■ 5D51AF

■ 7B74AF

4E3FAF

8A85AF

3E2EAF

9A97AF

2F1CAF

A9A8AF

200BAF

B8BAAF

1700AF

C7CBAF

D7DDAF

E6EEAF

F5FFAF

Harmonies

Analogous

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



0070B9



6C62AF



9A5293

Triad

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



6C62AF



9E5C29



007E6B

Complementary

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



6C62AF



A5AF62

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.



207C44



6C62AF



806A18

Square

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



6C62AF



B04D48



5A7524



007E91

Rectangle

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



6C62AF



AB4A7B



5A7524



007E5D

Sweetspot

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



6C62AF



C9C5E3



62A6AF



636073



F2F2F2



737373

Same Dimension

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



6C62AF



7A6BE3



9162AF



4F4E57



140096



030017

Inverse Universe

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



AF62A5



E36BD3



80AF62



574E56



960083



170014

Previews

White Background



This preview shows how the Hex color 6C62AF 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

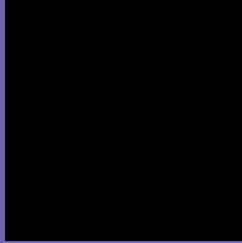
Any Text WCAG AA × Fail

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 6C62AF Background



This preview shows how black text looks on a background with the Hex color 6C62AF.

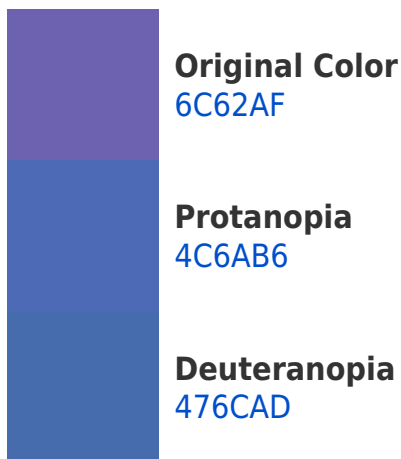


This preview shows how white text looks on a background with the Hex color 6C62AF.

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](#).

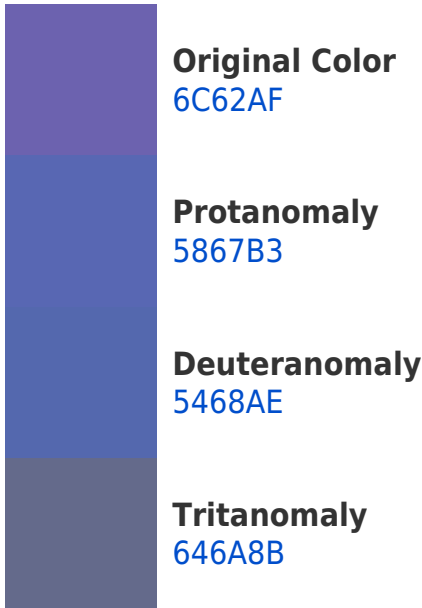
Dichromacy



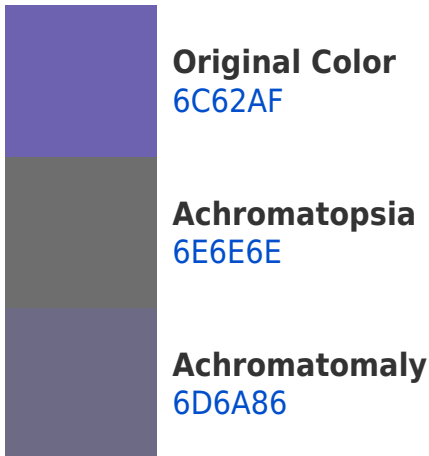


Tritanopia
5F6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C62AF 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 #6C62AF looks like.

```
.text, #text, p{  
    color:#6C62AF  
}
```

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 #6C62AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C62AF
}
```

Border

The CSS property to change the border of an element to Hex 6C62AF 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
#6C62AF }
```

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

```
.border{ border-color:#6C62AF }
```

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

Here you see how a box with a 4 pixel #6C62AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C62AF; -webkit-box-shadow:4px 4px  
4px 4px #6C62AF; box-shadow:4px 4px 4px  
4px #6C62AF }
```

Background

The CSS property to change the background color of an element to Hex 6C62AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C62AF }
```

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

```
.background{ background-color:#6C62AF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor