

Converting Colors

Hex(6641AF)

Have a look what the booklet for
Hex(6641AF) contains.

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Color

Hex(6641AF)

Conversions

Conversions Part 1

Format	Color
Hex	6641AF
RGB	102, 65, 175
RGB Percent	40%, 25%, 69%
CMY	0.6000, 0.7451, 0.3137
CMYK	0.42, 0.63, 0.00, 0.31
HSL	260°, 46%, 47%
HSV	260°, 63%, 69%
XYZ	15.1076, 9.7005, 41.6336
YIQ	88.6030, -13.2580, 42.0540

Conversions

Conversions Part 2

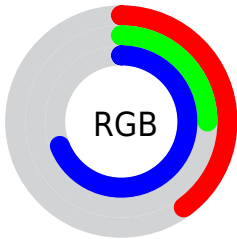
Format	Color
R_{YB}	102, 65, 175
Decimal	6701487
CIE _{Lab}	37.30, 41.11, -53.27
CIE _{LCh}	37, 67.285, 307.658
Yxy	9.7005, 0.2274, 0.1460
Android (android.graphics.Color)	4284891567 (0xFF6641AF)
YUV	88.6030, 42.5937, 11.7492
Hunter-Lab	31.1457, 32.0791, -57.4532

Details

The Hex color **6641AF** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8AAF41**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9E73E7**, and **2D1179** is the 20% darker color. If you saturate the color by 10%, you get **5A2FAF**, and if you desaturate by 10%, it is **7253AF**.

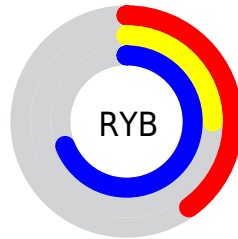
Distribution



Red (40%)

Green (25%)

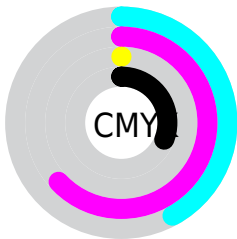
Blue (69%)



Red (40%)

Yellow (25%)

Blue (69%)

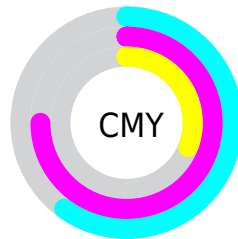


Cyan (42%)

Magenta (63%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6641AF 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 6641AF by changing the saturation by 10% instead.

6641AF

6641AF

FFFFFF

4A2994

9E73E7

2D1179

BA8DFF

070060

D7A8FF

000048

F4C3FF

000430

FFDFFF

00011A

FFFCFF

000000

6641AF

6641AF

5A2FAF

7253AF

■ 4F1EAF

■ 7D64AF

■ 430CAF

■ 8976AF

■ 3B00AF

■ 9487AF

■ A099AF

■ ACAAFF

■ B7BBAF

■ C3CDAF

■ CFDFAF

Harmonies

Analogous

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



005BC5



6641AF



A11582

Triad

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



6641AF



8C4500



006E65

Complementary

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



6641AF



8AAF41

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.



006C2B



6641AF



605A00

Square

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



6641AF



AA2217



1D6600



006E9A

Rectangle

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



6641AF



B1005F



1D6600



006D52

Sweetspot

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



6641AF



C6B8E3



418AAF



615873



F2F2F2



737373

Same Dimension

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



6641AF



7239E3



9D41AF



514E57



330096



080017

Inverse Universe

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



AF418A



E339AA



53AF41



574E54



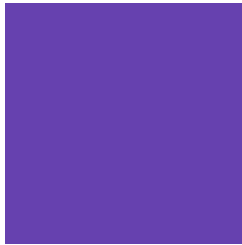
960064



17000F

Previews

White Background



This preview shows how the Hex color 6641AF looks on a white background.

Color Contrast Check

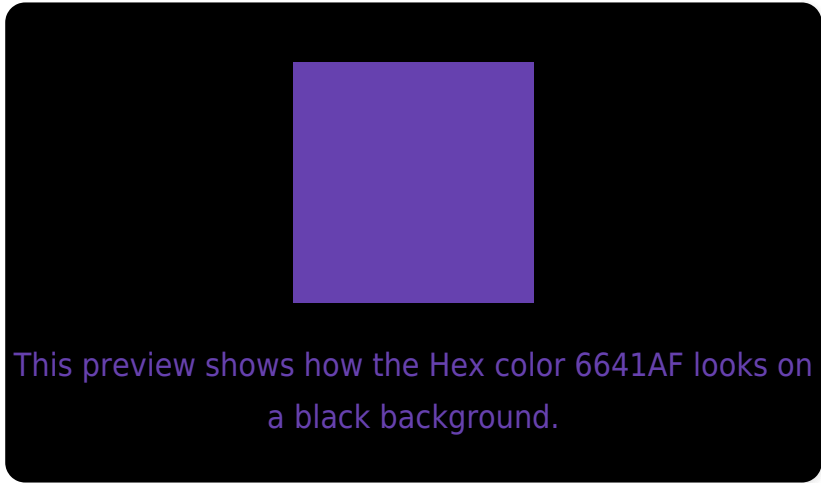
Large Text (above 18pt) WCAG AA ✓ Pass

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

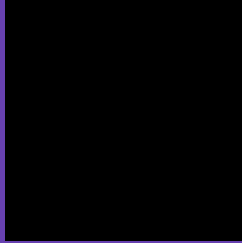
Any Text WCAG AA × Fail

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 6641AF Background



This preview shows how black text looks on a background with the Hex color 6641AF.

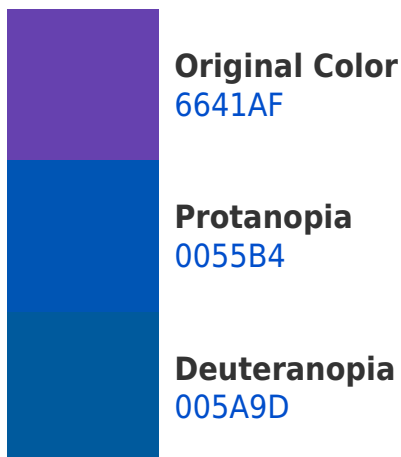



This preview shows how white text looks on a background with the Hex color 6641AF.

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](#).

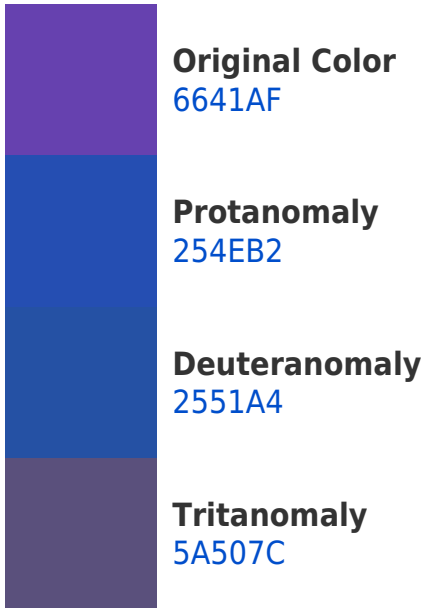
Dichromacy



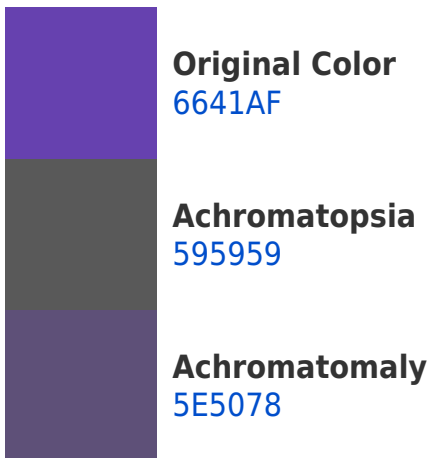


Tritanopia
53585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6641AF 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 #6641AF looks like.

```
.text, #text, p{  
    color:#6641AF  
}
```

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 #6641AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6641AF
}
```

Border

The CSS property to change the border of an element to Hex 6641AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

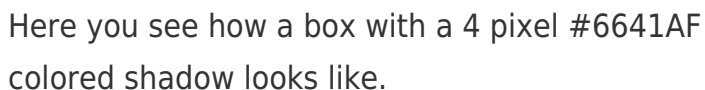
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6641AF }
```

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

```
.border{ border-color:#6641AF }
```

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



Here you see how a box with a 4 pixel #6641AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6641AF; -webkit-box-shadow:4px 4px  
4px 4px #6641AF; box-shadow:4px 4px 4px  
4px #6641AF }
```

Background

The CSS property to change the background color of an element to Hex 6641AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6641AF }
```

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

```
.background{ background-color:#6641AF }
```

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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