

Converting Colors

Hex(736FAA)

Have a look what the booklet for
Hex(736FAA) contains.

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Color

Hex(736FAA)

Conversions

Conversions Part 1

Format	Color
Hex	736FAA
RGB	115, 111, 170
RGB Percent	45%, 44%, 67%
CMY	0.5490, 0.5647, 0.3333
CMYK	0.32, 0.35, 0.00, 0.33
HSL	244°, 26%, 55%
HSV	244°, 35%, 67%
XYZ	20.0104, 17.9160, 40.4337
YIQ	118.9220, -16.5550, 19.1970

Conversions

Conversions Part 2

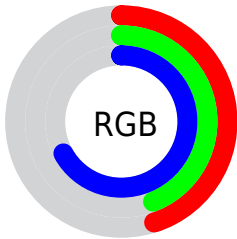
Format	Color
R_{YB}	115, 111, 170
Decimal	7565226
CIE _{Lab}	49.39, 15.58, -31.01
CIE _{LCh}	49, 34.699, 296.671
Yxy	17.9160, 0.2554, 0.2286
Android (android.graphics.Color)	4285755306 (0xFF736FAA)
YUV	118.9220, 25.1815, -3.4396
Hunter-Lab	42.3273, 10.3137, -27.0084

Details

The Hex color **736FAA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6AA6F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A8A3E2**, and **403F75** is the 20% darker color. If you saturate the color by 10%, you get **635EAA**, and if you desaturate by 10%, it is **8380AA**.

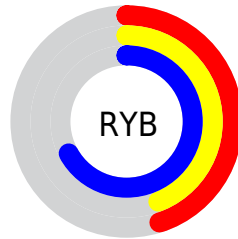
Distribution



Red (45%)

Green (44%)

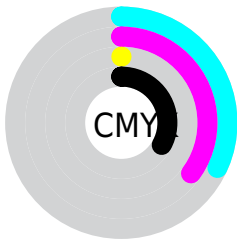
Blue (67%)



Red (45%)

Yellow (44%)

Blue (67%)

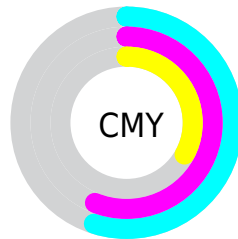


Cyan (32%)

Magenta (35%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736FAA 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 736FAA by changing the saturation by 10% instead.

■ 736FAA

■ 736FAA

FFFFFF

■ 59578F

■ A8A3E2

■ 403F75

■ C4BEFE

■ 272A5D

■ E1D9FF

■ 0C1545

■ FEF6FF

■ 00002E

■ 000118

■ 000000

■ 736FAA

■ 736FAA

■ 635EAA

■ 8380AA

■ 534DAA

■ 9391AA

■ 433CAA

■ A3A2AA

■ 342BAA

■ B2B3AA

■ 241AAA

■ C2C4AA

■ 1409AA

■ D2D5AA

■ 0C00AA

■ E2E6AA

■ F2F7AA

■ FFFFAA

Harmonies

Analogous

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



3D79B0



736FAA



976496

Triad

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



736FAA



A16845



0F8471

Complementary

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



736FAA



A6AA6F

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.



498254



736FAA



8A733A

Square

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



736FAA



AD5F5D



6D7C3F



00848F

Rectangle

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



736FAA



A65F84



6D7C3F



2A8467

Sweetspot

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



736FAA



C9C8DE



6FA6AA



646370



F0F0F0



707070

Same Dimension

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



736FAA



8781DE



906FAA



4C4C54



0A0094



010014

Inverse Universe

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



AA6FA6



DE81D8



89AA6F



544C54



94008A



140013

Previews

White Background



This preview shows how the Hex color 736FAA looks on a white background.

Color Contrast Check

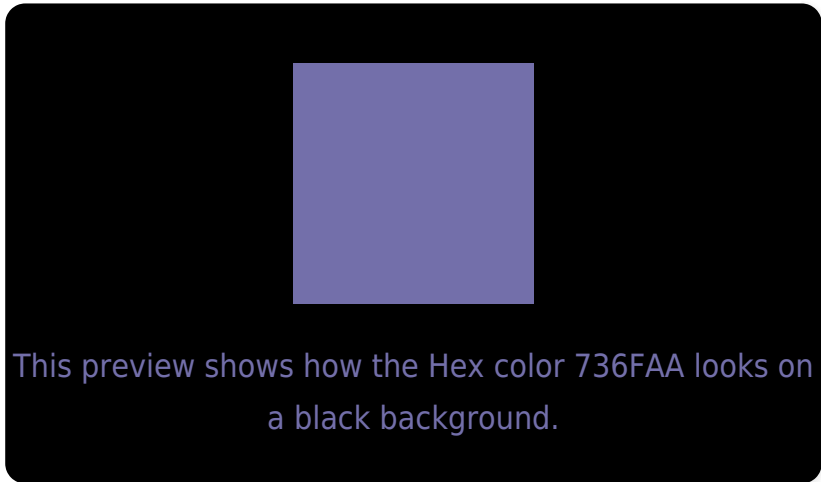
Large Text (above 18pt) WCAG AA ✓ Pass

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

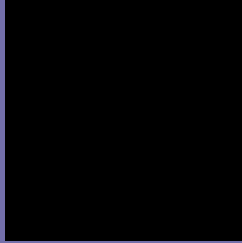
Any Text WCAG AA ✓ Pass

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 736FAA Background



This preview shows how black text looks on a background with the Hex color 736FAA.

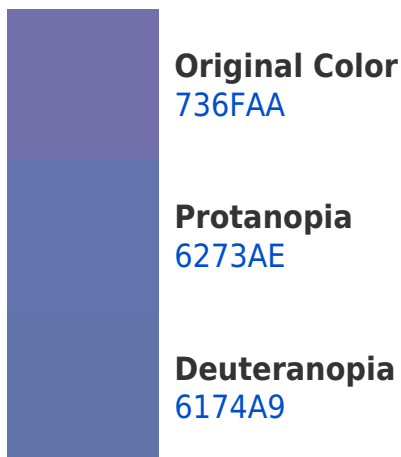


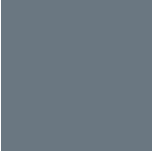
This preview shows how white text looks on a background with the Hex color 736FAA.

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
6A7781

Trichromacy



Original Color

736FAA

Protanomaly

6872AD

Deuteranomaly

6872A9

Tritanomaly

6D7490

Monochromacy



Original Color

736FAA

Achromatopsia

777777

Achromatomaly

76748A

CSS Examples

Text

The CSS property to change the color of the text to Hex 736FAA 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 #736FAA looks like.

```
.text, #text, p{  
    color:#736FAA  
}
```

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 #736FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736FAA
}
```

Border

The CSS property to change the border of an element to Hex 736FAA 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
#736FAA }
```

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

```
.border{ border-color:#736FAA }
```

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

Here you see how a box with a 4 pixel #736FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736FAA; -webkit-box-shadow:4px 4px  
4px 4px #736FAA; box-shadow:4px 4px 4px  
4px #736FAA }
```

Background

The CSS property to change the background color of an element to Hex 736FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736FAA }
```

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

```
.background{ background-color:#736FAA }
```

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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