

Converting Colors

Hex(467FAA)

Have a look what the booklet for
Hex(467FAA) contains.

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Color

Hex(467FAA)

Conversions

Conversions Part 1

Format	Color
Hex	467FAA
RGB	70, 127, 170
RGB Percent	27%, 50%, 67%
CMY	0.7255, 0.5020, 0.3333
CMYK	0.59, 0.25, 0.00, 0.33
HSL	206°, 42%, 47%
HSV	206°, 59%, 67%
XYZ	17.3709, 19.3831, 40.8560
YIQ	114.8590, -47.7750, 1.2890

Conversions

Conversions Part 2

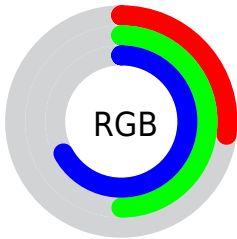
Format	Color
RYB	70, 106, 170
Decimal	4620202
CIELab	51.13, -5.62, -28.51
CIElCh	51, 29.057, 258.853
Yxy	19.3831, 0.2238, 0.2498
Android (android.graphics.Color)	4282810282 (0xFF467FAA)
YUV	114.8590, 27.1845, -39.3413
Hunter-Lab	44.0263, -6.6176, -24.2022

Details

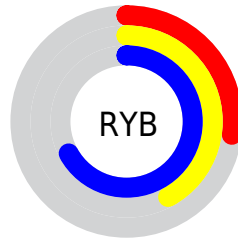
The Hex color **467FAA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA7146**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7EB4E1**, and **004E76** is the 20% darker color. If you saturate the color by 10%, you get **3578AA**, and if you desaturate by 10%, it is **5786AA**.

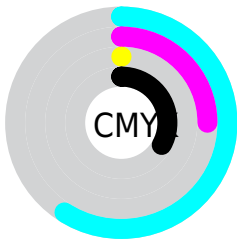
Distribution



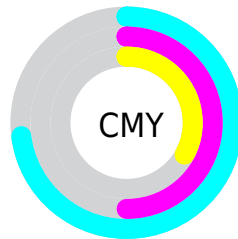
- Red (27%)
- Green (50%)
- Blue (67%)



- Red (27%)
- Yellow (42%)
- Blue (67%)



- Cyan (59%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467FAA 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 467FAA by changing the saturation by 10% instead.

■ 467FAA

■ 467FAA

FFFFFF

■ 27668F

■ 7EB4E1

■ 004E76

■ 9ACFFE

■ 00375D

■ B6EBFF

■ 002245

■ D3FFFF

■ 000B2F

■ F1FFFF

■ 000119

■ 000000

■ 467FAA

■ 467FAA

■ 3578AA

■ 5786AA

■ 2470AA

■ 688EAA

■ 1369AA

■ 7995AA

■ 0262AA

■ 8A9CAA

■ 0061AA

■ 9BA4AA

■ ACABAA

■ BDB2AA

■ CEB9AA

■ DFC1AA

Harmonies

Analogous

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



1C859E



467FAA



6F77A9

Triad

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



467FAA



AA676B



5E8358

Complementary

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



467FAA



AA7146

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.



7A7D4A



467FAA



A46D55

Square

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



467FAA



A46884



927549



3E876F

Rectangle

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



467FAA



8671A0



927549



688152

Sweetspot

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



467FAA



B6CDDE



46AA70



586670



F0F0F0



707070

Same Dimension

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



467FAA



409ADE



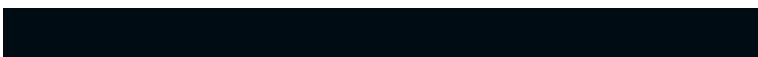
464EAA



4C5154



005494



000C14

Inverse Universe

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



AA467F



DE409A



AAA246



544C51



940054



14000C

Previews

White Background



This preview shows how the Hex color 467FAA looks on a white background.

Color Contrast Check

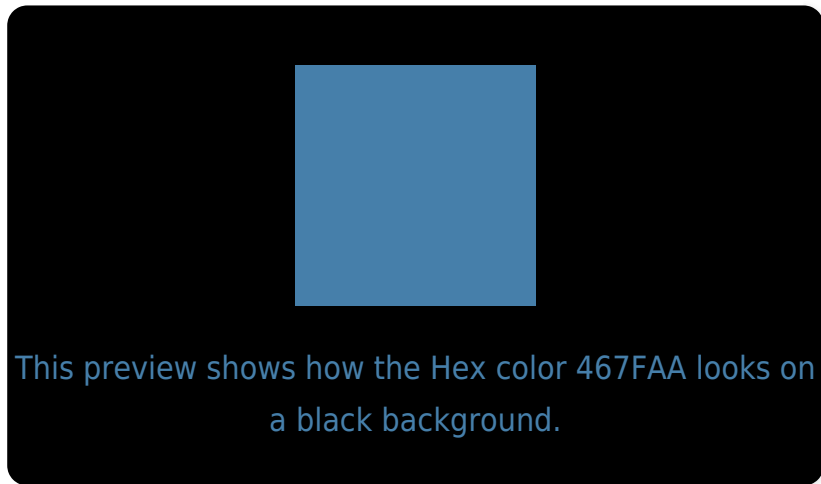
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

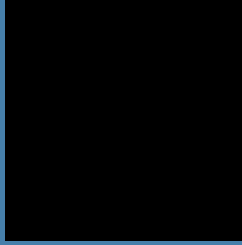
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

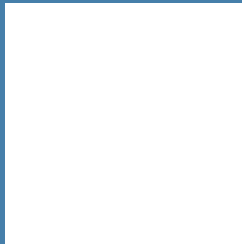
Any Text WCAG AAA × Fail

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

Hex 467FAA Background



This preview shows how black text looks on a background with the Hex color 467FAA.

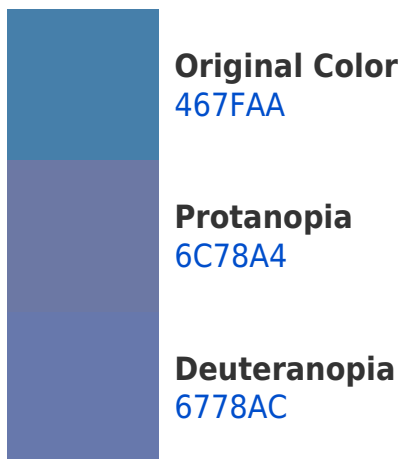


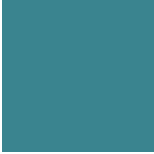
This preview shows how white text looks on a background with the Hex color 467FAA.

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](#).

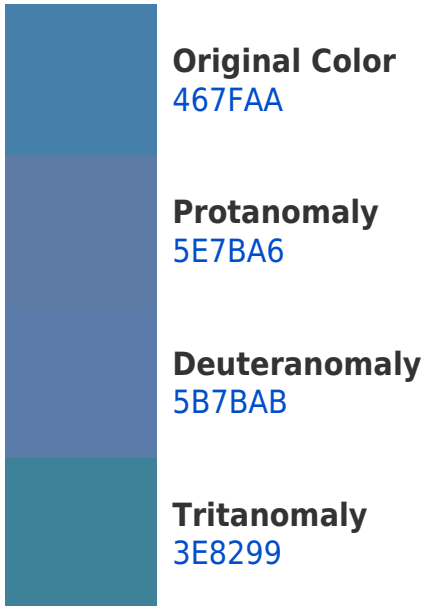
Dichromacy



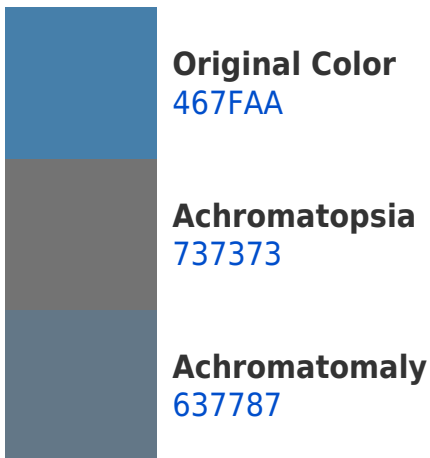


Tritanopia
3A848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 467FAA 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 #467FAA looks like.

```
.text, #text, p{  
    color:#467FAA  
}
```

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 #467FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467FAA
}
```

Border

The CSS property to change the border of an element to Hex 467FAA 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
#467FAA }
```

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

```
.border{ border-color:#467FAA }
```

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

Here you see how a box with a 4 pixel #467FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467FAA; -webkit-box-shadow:4px 4px  
4px 4px #467FAA; box-shadow:4px 4px 4px  
4px #467FAA }
```

Background

The CSS property to change the background color of an element to Hex 467FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467FAA }
```

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

```
.background{ background-color:#467FAA }
```

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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