

Converting Colors

Hex(3462AC)

Have a look what the booklet for
Hex(3462AC) contains.

Hex(3462AC)	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(3462AC)

Conversions

Conversions Part 1

Format	Color
Hex	3462AC
RGB	52, 98, 172
RGB Percent	20%, 38%, 67%
CMY	0.7961, 0.6157, 0.3255
CMYK	0.70, 0.43, 0.00, 0.33
HSL	217°, 54%, 44%
HSV	217°, 70%, 67%
XYZ	13.2303, 12.4440, 40.7343
YIQ	92.6820, -51.1700, 13.2620

Conversions

Conversions Part 2

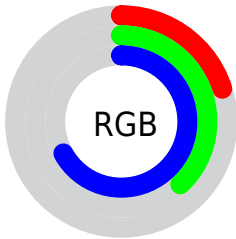
Format	Color
R_{YB}	52, 85, 172
Decimal	3433132
CIE _{Lab}	41.91, 9.50, -44.26
CIE _{LCh}	42, 45.269, 282.116
Yxy	12.4440, 0.1992, 0.1874
Android (android.graphics.Color)	4281623212 (0xFF3462AC)
YUV	92.6820, 39.1038, -35.6781
Hunter-Lab	35.2760, 5.2132, -43.7708

Details

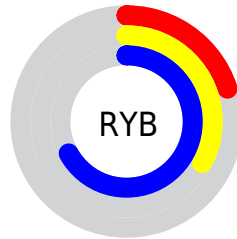
The Hex color **3462AC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AC7E34**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7094E4**, and **003477** is the 20% darker color. If you saturate the color by 10%, you get **2357AC**, and if you desaturate by 10%, it is **456DAC**.

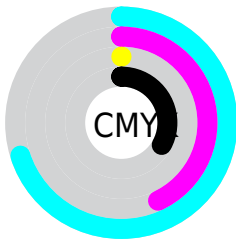
Distribution



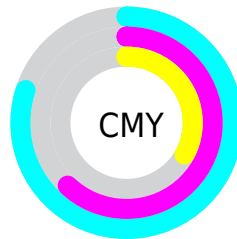
- Red (20%)
- Green (38%)
- Blue (67%)



- Red (20%)
- Yellow (33%)
- Blue (67%)



- Cyan (70%)
- Magenta (43%)
- Yellow (0%)
- Black (33%)



- Cyan (80%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3462AC 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 3462AC by changing the saturation by 10% instead.

■ 3462AC

■ 3462AC

FFFFFF

■ 054B91

■ 7094E4

■ 003477

■ 8DAFFF

■ 00205E

■ A9CAFF

■ 000746

■ C7E6FF

■ 00042F

■ E4FFFF

■ 000119

■ 000000

■ 3462AC

■ 3462AC

■ 2357AC

■ 456DAC

■ 124DAC

■ 5677AC

■ 0042AC

■ 6882AC

■ 798CAC

■ 8A97AC

■ 9BA2AC

■ ACACAC

■ BEB7AC

■ CFC1AC

Harmonies

Analogous

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



006DAA



3462AC



78529B

Triad

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



3462AC



9F4A33



00734B

Complementary

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



3462AC



AC7E34

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.



3E6E28



3462AC



885917

Square

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



3462AC



A74055



686610



007571

Rectangle

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



3462AC



924886



686610



09723E

Sweetspot

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



3462AC



B1C3E0



34AC7E



545F70



F0F0F0



707070

Same Dimension

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



3462AC



246CE0



4234AC



4E5157



003A96



000917

Inverse Universe

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



AC3462



E0246C



9EAC34



574E51



96003A



170009

Previews

White Background



This preview shows how the Hex color 3462AC looks on a white background.

Color Contrast Check

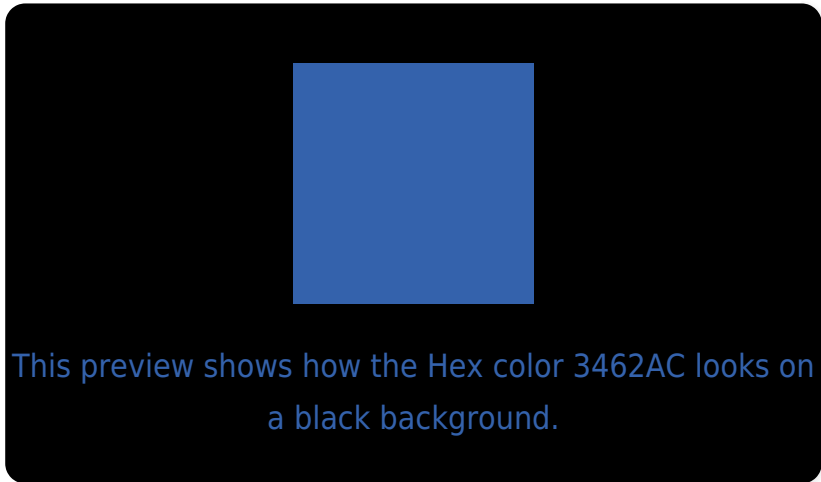
Large Text (above 18pt) WCAG AA ✓ Pass

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

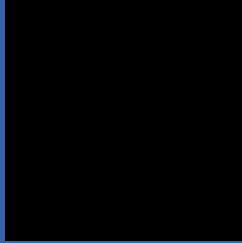
Any Text WCAG AA × Fail

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 3462AC Background



This preview shows how black text looks on a background with the Hex color 3462AC.

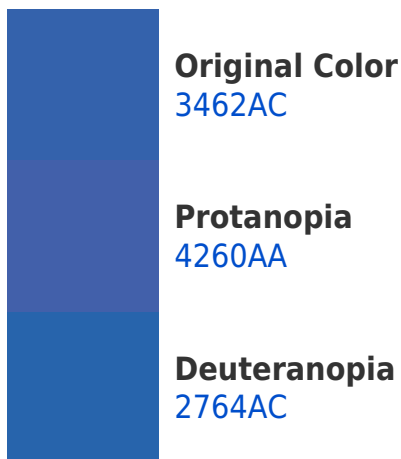


This preview shows how white text looks on a background with the Hex color 3462AC.

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](#).

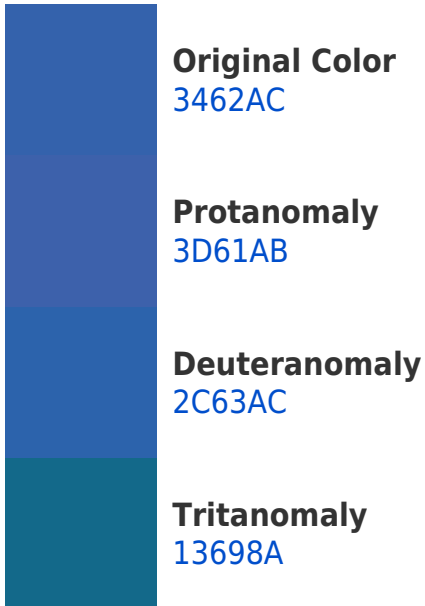
Dichromacy



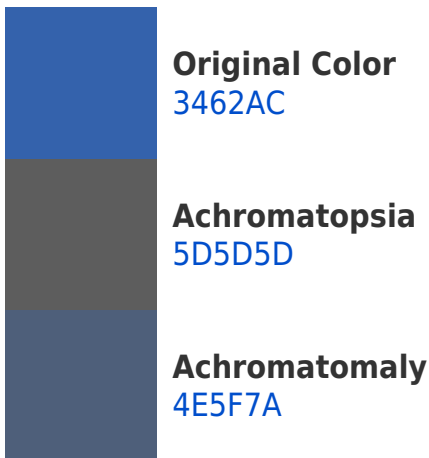


Tritanopia
006D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3462AC 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 #3462AC looks like.

```
.text, #text, p{  
    color:#3462AC  
}
```

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 #3462AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3462AC
}
```

Border

The CSS property to change the border of an element to Hex 3462AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

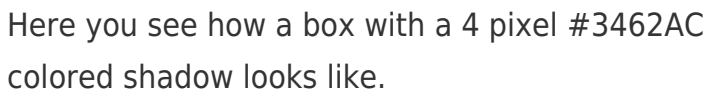
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3462AC }
```

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

```
.border{ border-color:#3462AC }
```

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



Here you see how a box with a 4 pixel #3462AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3462AC; -webkit-box-shadow:4px 4px  
4px 4px #3462AC; box-shadow:4px 4px 4px  
4px #3462AC }
```

Background

The CSS property to change the background color of an element to Hex 3462AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3462AC }
```

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

```
.background{ background-color:#3462AC }
```

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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