

Converting Colors

Hex(3A66BA)

Have a look what the booklet for
Hex(3A66BA) contains.

Hex(3A66BA)	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(3A66BA)

Conversions

Conversions Part 1

Format	Color
Hex	3A66BA
RGB	58, 102, 186
RGB Percent	23%, 40%, 73%
CMY	0.7725, 0.6000, 0.2706
CMYK	0.69, 0.45, 0.00, 0.27
HSL	219°, 52%, 48%
HSV	219°, 69%, 73%
XYZ	15.3592, 13.9475, 48.3370
YIQ	98.4200, -53.1880, 16.7960

Conversions

Conversions Part 2

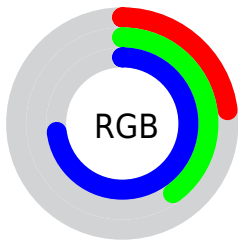
Format	Color
R_{YB}	58, 91, 186
Decimal	3827386
CIE _{Lab}	44.16, 13.04, -48.85
CIE _{LCh}	44, 50.561, 284.948
Yxy	13.9475, 0.1978, 0.1796
Android (android.graphics.Color)	4282017466 (0xFF3A66BA)
YUV	98.4200, 43.1769, -35.4483
Hunter-Lab	37.3463, 8.0548, -50.5961

Details

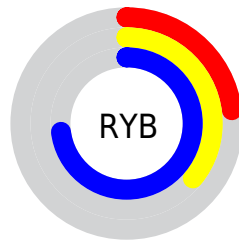
The Hex color **3A66BA** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BA8E3A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7799F3**, and **003884** is the 20% darker color. If you saturate the color by 10%, you get **275ABA**, and if you desaturate by 10%, it is **4D72BA**.

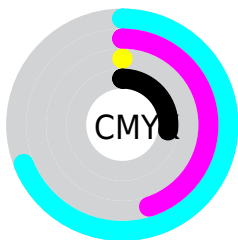
Distribution



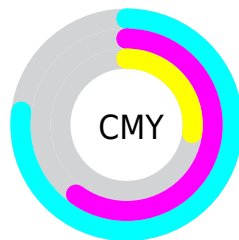
- Red (23%)
- Green (40%)
- Blue (73%)



- Red (23%)
- Yellow (36%)
- Blue (73%)



- Cyan (69%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A66BA 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 3A66BA by changing the saturation by 10% instead.

■ 3A66BA

■ 3A66BA

FFFFFF

■ 0E4E9F

■ 7799F3

■ 003884

■ 94B3FF

■ 00236A

■ B1CFFF

■ 000F52

■ CFEBFF

■ 00053A

■ ECFFFF

■ 000223

■ 00000A

■ 000000

■ 3A66BA

■ 3A66BA

■ 275ABA

■ 4D72BA

■ 154EBA

■ 5F7EBA

■ 0241BA

■ 728BBA

■ 0040BA

■ 8497BA

■ 97A3BA

■ AAAFBA

■ BCBBBA

■ CFC8BA

■ E1D4BA

Harmonies

Analogous

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



0073BA



3A66BA



8554A4

Triad

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



3A66BA



A94D2E



007B51

Complementary

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



3A66BA



BA8E3A

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.



387628



3A66BA



8F5F0D

Square

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



3A66BA



B43F55



696D05



007C7D

Rectangle

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



3A66BA



A0478D



696D05



007A43

Sweetspot

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



3A66BA



BFD1F2



3ABA8D



5C667A



FAFAFA



7A7A7A

Same Dimension

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



3A66BA



296EF2



4D3ABA



53565C



00359C



000A1C

Inverse Universe

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



BA3A66



F2296E



A7BA3A



5C5356



9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 3A66BA looks on a white background.

Color Contrast Check

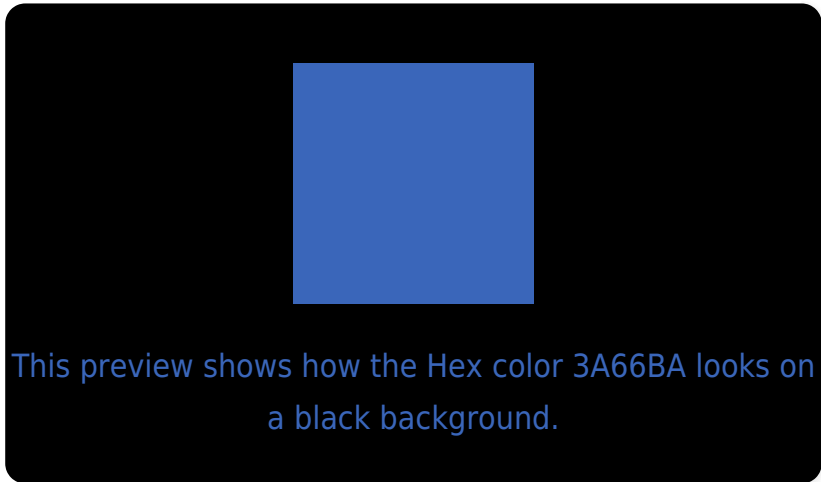
Large Text (above 18pt) WCAG AA ✓ Pass

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

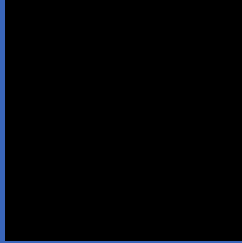
Any Text WCAG AA × Fail

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 3A66BA Background



This preview shows how black text looks on a background with the Hex color 3A66BA.

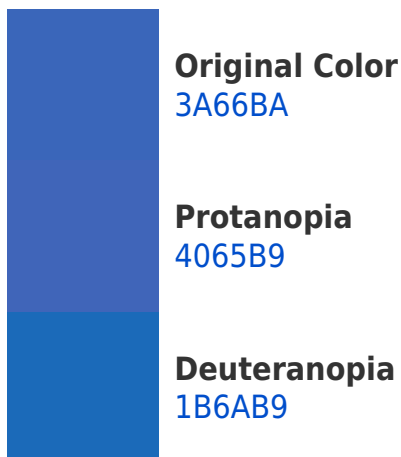


This preview shows how white text looks on a background with the Hex color 3A66BA.

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](#).

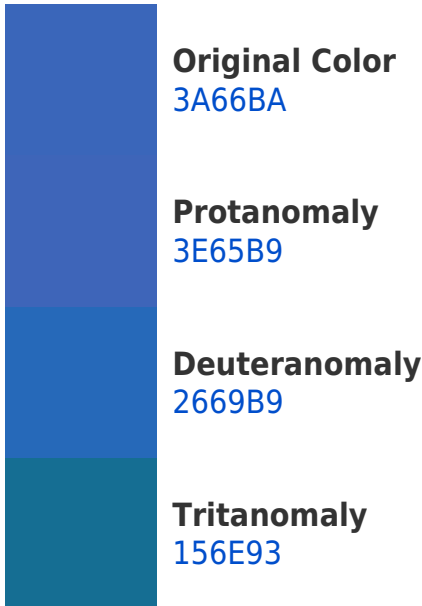
Dichromacy



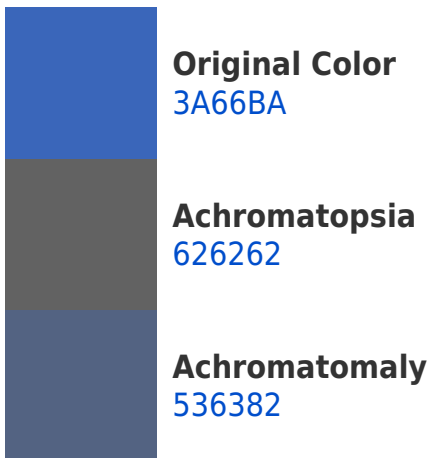


Tritanopia
00737D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A66BA 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 #3A66BA looks like.

```
.text, #text, p{  
    color:#3A66BA  
}
```

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 #3A66BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A66BA
}
```

Border

The CSS property to change the border of an element to Hex 3A66BA 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
#3A66BA }
```

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

```
.border{ border-color:#3A66BA }
```

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

Here you see how a box with a 4 pixel #3A66BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A66BA; -webkit-box-shadow:4px 4px  
4px 4px #3A66BA; box-shadow:4px 4px 4px  
4px #3A66BA }
```

Background

The CSS property to change the background color of an element to Hex 3A66BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A66BA }
```

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

```
.background{ background-color:#3A66BA }
```

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