

Converting Colors

Hex(3A69CC)

Have a look what the booklet for
Hex(3A69CC) contains.

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Color

Hex(3A69CC)

Conversions

Conversions Part 1

Format	Color
Hex	3A69CC
RGB	58, 105, 204
RGB Percent	23%, 41%, 80%
CMY	0.7725, 0.5882, 0.2000
CMYK	0.72, 0.49, 0.00, 0.20
HSL	221°, 59%, 51%
HSV	221°, 72%, 80%
XYZ	17.6956, 15.3623, 59.1593
YIQ	102.2330, -59.7910, 20.8250

Conversions

Conversions Part 2

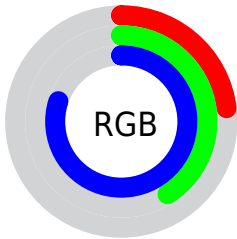
Format	Color
RYB	58, 94, 204
Decimal	3828172
CIELab	46.13, 17.72, -56.08
CIElCh	46, 58.816, 287.532
Yxy	15.3623, 0.1919, 0.1666
Android (android.graphics.Color)	4282018252 (0xFF3A69CC)
YUV	102.2330, 50.1711, -38.7923
Hunter-Lab	39.1948, 11.9979, -62.0540

Details

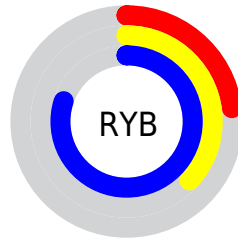
The Hex color **3A69CC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CC9D3A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7A9CFF**, and **003B95** is the 20% darker color. If you saturate the color by 10%, you get **265BCC**, and if you desaturate by 10%, it is **4E77CC**.

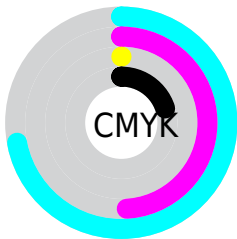
Distribution



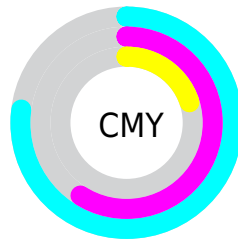
- Red (23%)
- Green (41%)
- Blue (80%)



- Red (23%)
- Yellow (37%)
- Blue (80%)



- Cyan (72%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (77%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A69CC 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 3A69CC by changing the saturation by 10% instead.

■ 3A69CC

■ 3A69CC

FFFFFF

■ 0251B0

■ 7A9CFF

■ 003B95

■ 98B6FF

■ 00267B

■ B6D2FF

■ 001461

■ D4EEFF

■ 000848

■ F2FFFF

■ 000431

■ 00011B

■ 000000

■ 3A69CC

■ 3A69CC

■ 265BCC

■ 4E77CC

■ 114DCC

■ 6385CC

■ 0042CC

■ 7792CC

■ 8CA0CC

■ A0AECC

■ B4BCCC

■ C9CACC

■ DDD8CC

■ F2E5CC

Harmonies

Analogous

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



0079CE



3A69CC



9352B0

Triad

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



3A69CC



B54E25



008256

Complementary

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



3A69CC



CC9D3A

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.



287D24



3A69CC



956400

Square

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



3A69CC



C43A53



697400



00848A

Rectangle

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



3A69CC



B14294



697400



008145

Sweetspot

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



3A69CC



C9DBFF



3ACC9B



606A80



000000



808080

Same Dimension

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



3A69CC



246AFF



523ACC



5C5F66



0035A6



000C26

Inverse Universe

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



CC3A69



FF246A



B4CC3A



665C5F



A60035



26000C

Previews

White Background



This preview shows how the Hex color 3A69CC looks on a white background.

Color Contrast Check

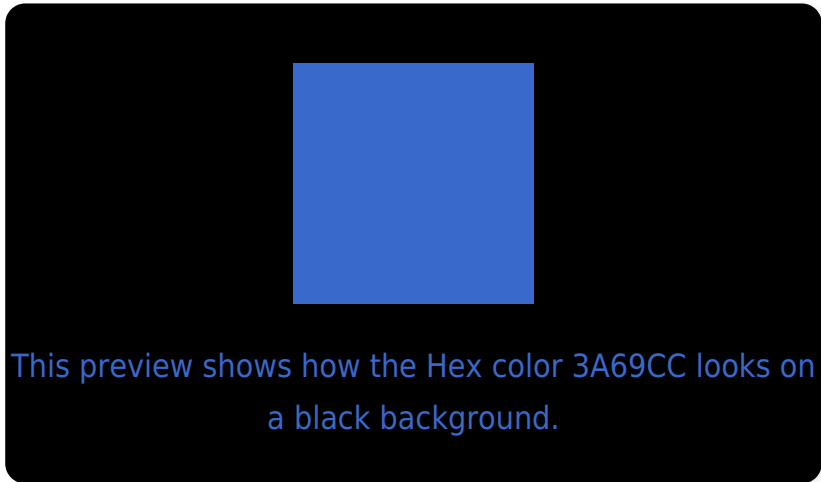
Large Text (above 18pt) WCAG AA ✓ Pass

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

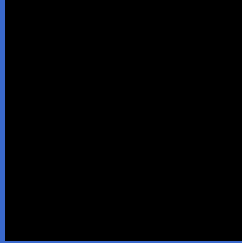
Any Text WCAG AA × Fail

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 3A69CC Background



This preview shows how black text looks on a background with the Hex color 3A69CC.



This preview shows how white text looks on a background with the Hex color 3A69CC.

Color Blindness Simulation

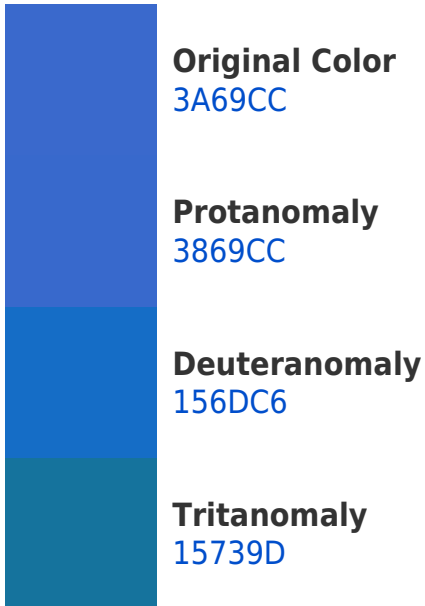
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A69CC 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 #3A69CC looks like.

```
.text, #text, p{  
    color:#3A69CC  
}
```

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 #3A69CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A69CC
}
```

Border

The CSS property to change the border of an element to Hex 3A69CC 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
#3A69CC }
```

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

```
.border{ border-color:#3A69CC }
```

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

Here you see how a box with a 4 pixel #3A69CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A69CC; -webkit-box-shadow:4px 4px  
4px 4px #3A69CC; box-shadow:4px 4px 4px  
4px #3A69CC }
```

Background

The CSS property to change the background color of an element to Hex 3A69CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A69CC }
```

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

```
.background{ background-color:#3A69CC }
```

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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