

Converting Colors

Hex(3A3ABC)

Have a look what the booklet for
Hex(3A3ABC) contains.

Hex(3A3ABC)	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(3A3ABC)

Conversions

Conversions Part 1

Format	Color
Hex	3A3ABC
RGB	58, 58, 188
RGB Percent	23%, 23%, 74%
CMY	0.7725, 0.7725, 0.2627
CMYK	0.69, 0.69, 0.00, 0.26
HSL	240°, 53%, 48%
HSV	240°, 69%, 74%
XYZ	12.3351, 7.5565, 48.3854
YIQ	72.8200, -41.7300, 40.4300

Conversions

Conversions Part 2

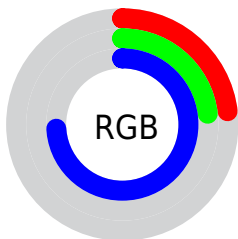
Format	Color
R_{YB}	58, 58, 188
Decimal	3816124
CIE _{Lab}	33.04, 41.76, -68.07
CIE _{LCh}	33, 79.856, 301.530
Yxy	7.5565, 0.1807, 0.1107
Android (android.graphics.Color)	4282006204 (0xFF3A3ABC)
YUV	72.8200, 56.7837, -12.9971
Hunter-Lab	27.4891, 31.9918, -85.1180

Details

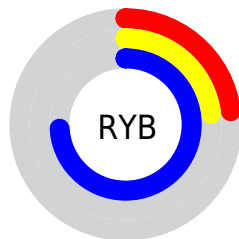
The Hex color **3A3ABC** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **BCBC3A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A6AF5**, and **000E85** is the 20% darker color. If you saturate the color by 10%, you get **2727BC**, and if you desaturate by 10%, it is **4D4DBC**.

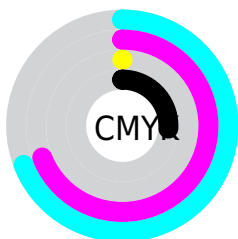
Distribution



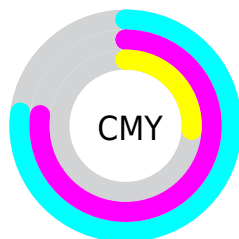
- Red (23%)
- Green (23%)
- Blue (74%)



- Red (23%)
- Yellow (23%)
- Blue (74%)



- Cyan (69%)
- Magenta (69%)
- Yellow (0%)
- Black (26%)



- Cyan (77%)
- Magenta (77%)
- Yellow (26%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3ABC 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 3A3ABC by changing the saturation by 10% instead.

■ 3A3ABC

■ 3A3ABC

FFFFFF

■ 0424A0

■ 7A6AF5

■ 000E85

■ 9884FF

■ 00006B

■ B69EFF

■ 000252

■ D4B9FF

■ 00053A

■ F2D5FF

■ 000223

■ FFF2FF

■ 00000B

■ 000000

■ 3A3ABC

■ 3A3ABC

■ 2727BC

■ 4D4DBC

■ 1414BC

■ 6060BC

■ 0202BC

■ 7272BC

■ 0000BC

■ 8585BC

■ 9898BC

■ ABABBC

■ BEBEBC

■ D0D0BC

■ E3E3BC

Harmonies

Analogous

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



0057D0



3A3ABC



97008B

Triad

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



3A3ABC



8D2E00



006450

Complementary

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



3A3ABC



BCBC3A

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.



006201



3A3ABC



5D4D00

Square

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



3A3ABC



AD0010



0D5B00



00658F

Rectangle

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



3A3ABC



AF0063



0D5B00



006439

Sweetspot

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



3A3ABC



C1C1F5



3ABCBC



5C5C7A



FAFAFA



7A7A7A

Same Dimension

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



3A3ABC



2A2AF5



7B3ABC



5555E



00009E



00001F

Inverse Universe

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



BC3ABC



F52AF5



7BBC3A



5E555E



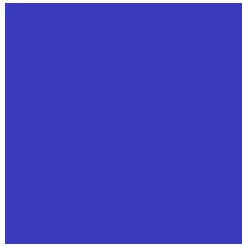
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 3A3ABC looks on a white background.

Color Contrast Check

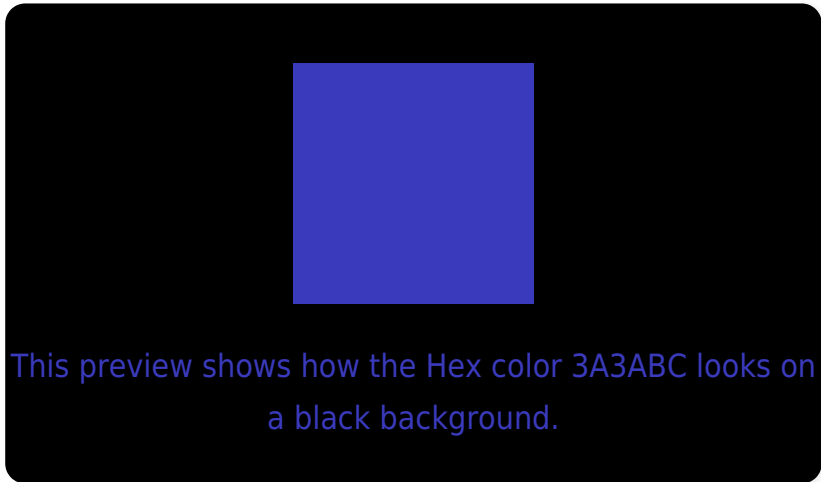
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

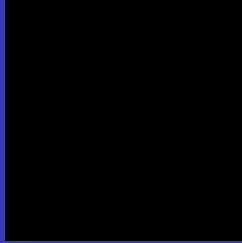
Any Text WCAG AA × Fail

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 3A3ABC Background



This preview shows how black text looks on a background with the Hex color 3A3ABC.



This preview shows how white text looks on a background with the Hex color 3A3ABC.

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



Original Color
3A3ABC

Protanomaly
1545A9

Deuteranomaly
15489A

Tritanomaly
154C7F

Monochromacy



Original Color
3A3ABC

Achromatopsia
494949

Achromatomaly
444473

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3ABC 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 #3A3ABC looks like.

```
.text, #text, p{  
    color:#3A3ABC  
}
```

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 #3A3ABC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3ABC
}
```

Border

The CSS property to change the border of an element to Hex 3A3ABC 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
#3A3ABC }
```

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

```
.border{ border-color:#3A3ABC }
```

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

Here you see how a box with a 4 pixel #3A3ABC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3ABC; -webkit-box-shadow:4px 4px  
4px 4px #3A3ABC; box-shadow:4px 4px 4px  
4px #3A3ABC }
```

Background

The CSS property to change the background color of an element to Hex 3A3ABC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3ABC }
```

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

```
.background{ background-color:#3A3ABC }
```

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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