

Converting Colors

Hex(3349AA)

Have a look what the booklet for
Hex(3349AA) contains.

Hex(3349AA)	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(3349AA)

Conversions

Conversions Part 1

Format	Color
Hex	3349AA
RGB	51, 73, 170
RGB Percent	20%, 29%, 67%
CMY	0.8000, 0.7137, 0.3333
CMYK	0.70, 0.57, 0.00, 0.33
HSL	229°, 54%, 43%
HSV	229°, 70%, 67%
XYZ	11.0035, 8.3712, 39.0661
YIQ	77.4800, -44.2490, 25.5030

Conversions

Conversions Part 2

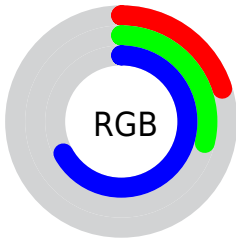
Format	Color
R _Y B	51, 70, 170
Decimal	3361194
CIE Lab	34.74, 24.96, -54.63
CIE LCh	35, 60.059, 294.559
Yxy	8.3712, 0.1883, 0.1432
Android (android.graphics.Color)	4281551274 (0xFF3349AA)
YUV	77.4800, 45.6124, -23.2230
Hunter-Lab	28.9330, 17.2525, -59.8018




Details

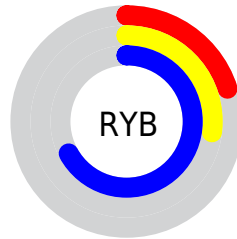
The Hex color **3349AA** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AA9433**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **7079E2**, and **001E75** is the 20% darker color. If you saturate the color by 10%, you get **223BAA**, and if you desaturate by 10%, it is **4457AA**.

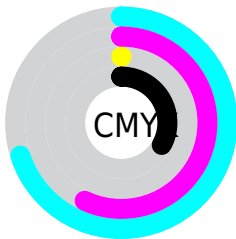
Distribution







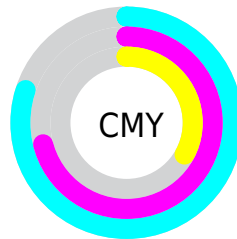
-  Red (20%)
-  Green (29%)
-  Blue (67%)






-  Red (20%)
-  Yellow (27%)
-  Blue (67%)



-  Cyan (70%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (80%)
-  Magenta (71%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3349AA 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 3349AA by changing the saturation by 10% instead.

■ 3349AA

■ 3349AA

FFFFFF

■ 00338F

■ 7079E2

■ 001E75

■ 8D93FF

■ 000A5B

■ AAADFF

■ 000543

■ C7C9FF

■ 00032C

■ E5E5FF

■ 000116

■ 000000

■ 3349AA

■ 3349AA

■ 223BAA

■ 4457AA

■ 112DAA

■ 5565AA

■ 001FAA

■ 6673AA

■ 7780AA

■ 888EAA

■ 999CAA

■ AAAAAA

■ BBB8AA

■ CCC6AA

Harmonies

Analogous

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



005BB2



3349AA



812D8A

Triad

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



3349AA



8E3600



006547

Complementary

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



3349AA



AA9433

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.



006212



3349AA



6C4D00

Square

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



3349AA



A1162D



3E5B00



006678

Rectangle

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



3349AA



99156C



3E5B00



006436

Sweetspot

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



3349AA



AFB8DE



33AA92



545970



F0F0F0



707070

Same Dimension

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



3349AA



2346DE



5733AA



4C4D54



001B94



000414

Inverse Universe

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



AA3349



DE2346



86AA33



544C4D



94001B



140004

Previews

White Background



This preview shows how the Hex color 3349AA looks on a white background.

Color Contrast Check

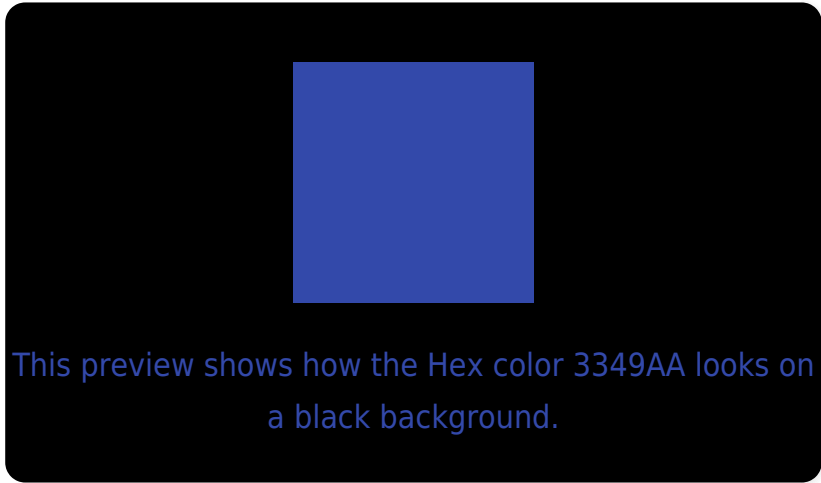
Large Text (above 18pt) WCAG AA ✓ Pass

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

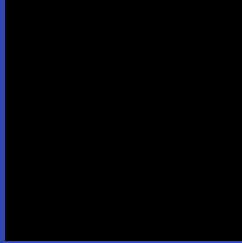
Any Text WCAG AA × Fail

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 3349AA Background



This preview shows how black text looks on a background with the Hex color 3349AA.

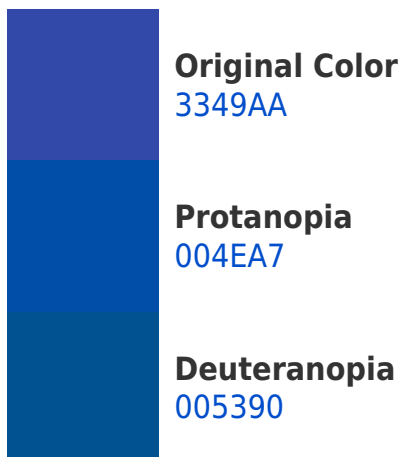


This preview shows how white text looks on a background with the Hex color 3349AA.

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](#).

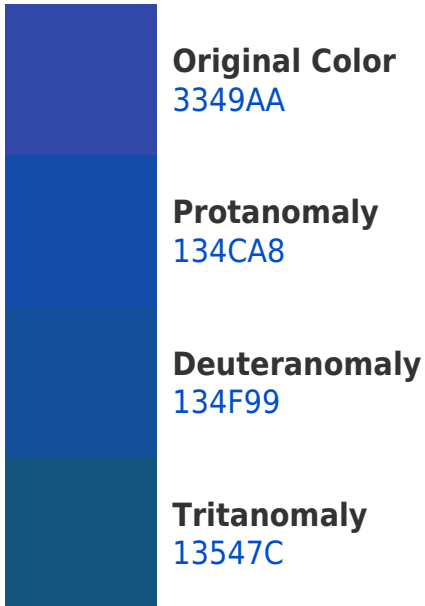
Dichromacy



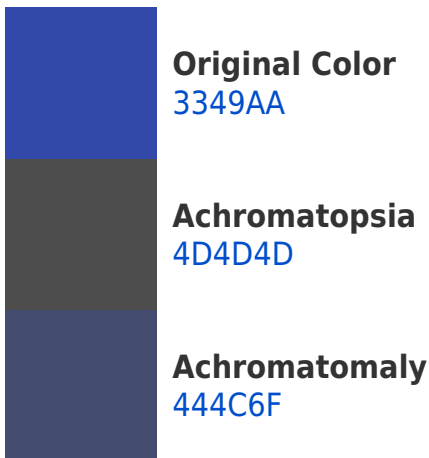


Tritanopia
005A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3349AA 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 #3349AA looks like.

```
.text, #text, p{  
    color:#3349AA  
}
```

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 #3349AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3349AA
}
```

Border

The CSS property to change the border of an element to Hex 3349AA 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
#3349AA }
```

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

```
.border{ border-color:#3349AA }
```

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

Here you see how a box with a 4 pixel #3349AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3349AA; -webkit-box-shadow:4px 4px  
4px 4px #3349AA; box-shadow:4px 4px 4px  
4px #3349AA }
```

Background

The CSS property to change the background color of an element to Hex 3349AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3349AA }
```

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

```
.background{ background-color:#3349AA }
```

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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