

Converting Colors

Hex(344DA9)

Have a look what the booklet for
Hex(344DA9) contains.

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Color

Hex(344DA9)

Conversions

Conversions Part 1

Format	Color
Hex	344DA9
RGB	52, 77, 169
RGB Percent	20%, 30%, 66%
CMY	0.7961, 0.6980, 0.3373
CMYK	0.69, 0.54, 0.00, 0.34
HSL	227°, 53%, 43%
HSV	227°, 69%, 66%
XYZ	11.2315, 8.9024, 38.6625
YIQ	80.0130, -44.4320, 23.3120

Conversions

Conversions Part 2

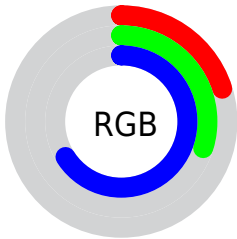
Format	Color
RYB	52, 73, 169
Decimal	3427753
CIELab	35.80, 22.10, -52.32
CIElCh	36, 56.799, 292.901
Yxy	8.9024, 0.1910, 0.1514
Android (android.graphics.Color)	4281617833 (0xFF344DA9)
YUV	80.0130, 43.8706, -24.5674
Hunter-Lab	29.8369, 14.9781, -55.9419

Details

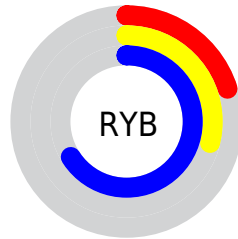
The Hex color **344DA9** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A99034**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **707EE1**, and **002274** is the 20% darker color. If you saturate the color by 10%, you get **2340A9**, and if you desaturate by 10%, it is **455AA9**.

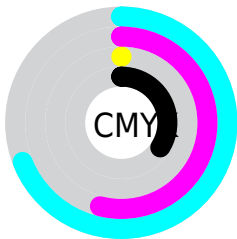
Distribution



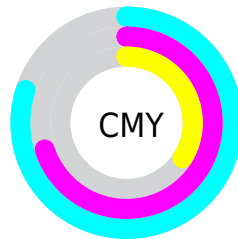
- Red (20%)
- Green (30%)
- Blue (66%)



- Red (20%)
- Yellow (29%)
- Blue (66%)



- Cyan (69%)
- Magenta (54%)
- Yellow (0%)
- Black (34%)



- Cyan (80%)
- Magenta (70%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344DA9 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 344DA9 by changing the saturation by 10% instead.

■ 344DA9

■ 344DA9

FFFFFF

■ 05378E

■ 707EE1

■ 002274

■ 8D97FE

■ 000F5B

■ AAB2FF

■ 000442

■ C7CDFF

■ 00032B

■ E4EAFF

■ 000116

■ 000000

■ 344DA9

■ 344DA9

■ 2340A9

■ 455AA9

■ 1232A9

■ 5668A9

■ 0125A9

■ 6775A9

■ 0024A9

■ 7882A9

■ 888FA9

■ 999DA9

■ AAAAA9

■ BBB7A9

■ CCC5A9

Harmonies

Analogous

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



005DAF



344DA9



7F348C

Triad

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



344DA9



903A04



006748

Complementary

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



344DA9



A99034

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.



006416



344DA9



704F00

Square

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



344DA9



A12034



465C00



006877

Rectangle

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



344DA9



972270



465C00



006638

Sweetspot

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



344DA9



ADB7DB



34A990



52586E



EDEDED



6E6E6E

Same Dimension

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



344DA9



254CDB



5534A9



4C4E54



002094



000414

Inverse Universe

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



A9344D



DB254C



88A934



544C4E



940020



140004

Previews

White Background



This preview shows how the Hex color 344DA9 looks on a white background.

Color Contrast Check

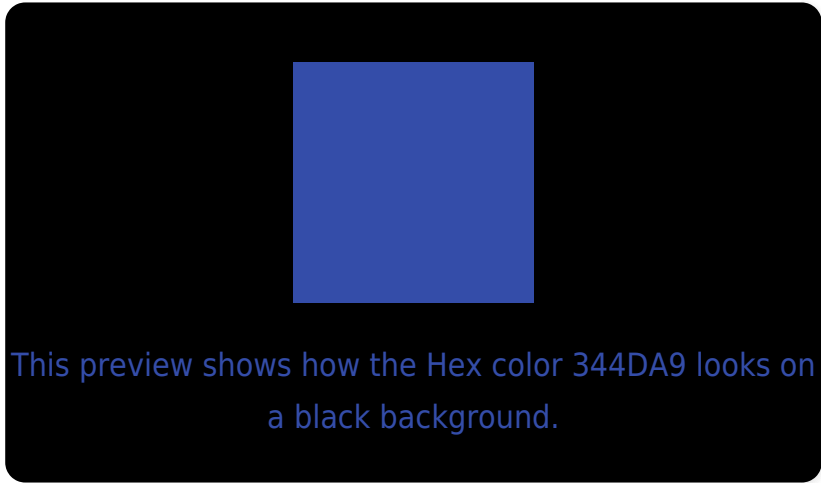
Large Text (above 18pt) WCAG AA ✓ Pass

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

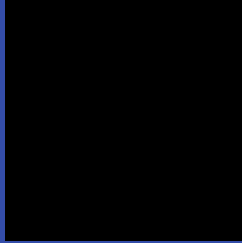
Any Text WCAG AA × Fail

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 344DA9 Background



This preview shows how black text looks on a background with the Hex color 344DA9.

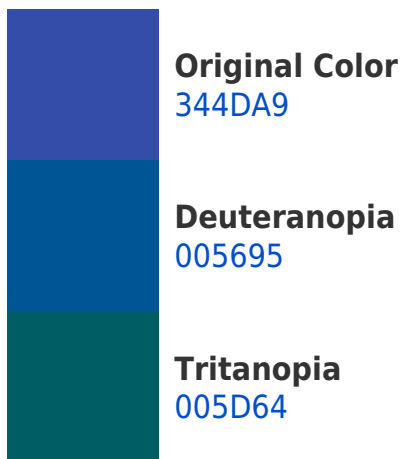


This preview shows how white text looks on a background with the Hex color 344DA9.

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
344DA9

Deuteranomaly
13539C

Tritanomaly
13577D

Monochromacy



Original Color
344DA9

Achromatopsia
505050

Achromatomaly
464F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 344DA9 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 #344DA9 looks like.

```
.text, #text, p{  
    color:#344DA9  
}
```

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 #344DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344DA9
}
```

Border

The CSS property to change the border of an element to Hex 344DA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

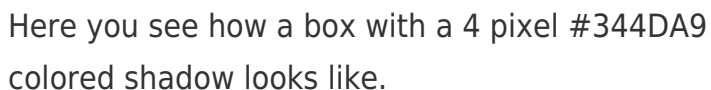
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344DA9 }
```

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

```
.border{ border-color:#344DA9 }
```

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



Here you see how a box with a 4 pixel #344DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344DA9; -webkit-box-shadow:4px 4px  
4px 4px #344DA9; box-shadow:4px 4px 4px  
4px #344DA9 }
```

Background

The CSS property to change the background color of an element to Hex 344DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344DA9 }
```

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

```
.background{ background-color:#344DA9 }
```

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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