

Converting Colors

Hex(3344A4)

Have a look what the booklet for
Hex(3344A4) contains.

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Color

Hex(3344A4)

Conversions

Conversions Part 1

Format	Color
Hex	3344A4
RGB	51, 68, 164
RGB Percent	20%, 27%, 64%
CMY	0.8000, 0.7333, 0.3569
CMYK	0.69, 0.59, 0.00, 0.36
HSL	231°, 53%, 42%
HSV	231°, 69%, 64%
XYZ	10.1332, 7.5184, 36.0391
YIQ	73.8610, -40.9480, 26.2520

Conversions

Conversions Part 2

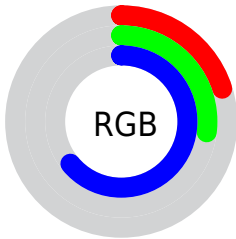
Format	Color
RYB	51, 66, 164
Decimal	3359908
CIELab	32.96, 26.06, -53.93
CIElCh	33, 59.898, 295.785
Yxy	7.5184, 0.1887, 0.1400
Android (android.graphics.Color)	4281549988 (0xFF3344A4)
YUV	73.8610, 44.4385, -20.0491
Hunter-Lab	27.4197, 17.9819, -58.7341

Details

The Hex color **3344A4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A49333**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6F74DC**, and **001A6F** is the 20% darker color. If you saturate the color by 10%, you get **2336A4**, and if you desaturate by 10%, it is **4352A4**.

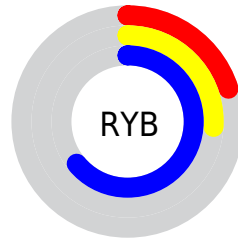
Distribution



 Red (20%)

 Green (27%)

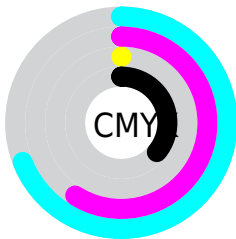
 Blue (64%)




 Red (20%)

 Yellow (26%)

 Blue (64%)

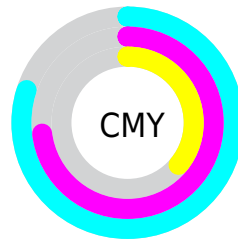



 Cyan (69%)


 Magenta (59%)

 Yellow (0%)

 Black (36%)



 Cyan (80%)

 Magenta (73%)

 Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3344A4 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 3344A4 by changing the saturation by 10% instead.

■ 3344A4 ■ 3344A4

FFFFFF ■ 042E89

■ 6F74DC ■ 001A6F

■ 8C8DF9 ■ 000256

■ A8A8FF ■ 00063E

■ C6C3FF ■ 000327

■ E3DFFF ■ 000111

■ FFFBFF ■ 000000

■ 3344A4 ■ 3344A4

■ 2336A4 ■ 4352A4

■ 1228A4

■ 5460A4

■ 021AA4

■ 646EA4

■ 0019A4

■ 757CA4

■ 858AA4

■ 9598A4

■ A6A6A4

■ B6B3A4

■ C7C1A4

Harmonies

Analogous

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



0056AD



3344A4



7E2784

Triad

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



3344A4



873300



006145

Complementary

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



3344A4



A49333

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.



005E10



3344A4



654900

Square

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



3344A4



9B1028



385700



006176

Rectangle

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



3344A4



950A66



385700



006034

Sweetspot

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



3344A4



A9B0D6



33A491



50546B



EBEBEB



6B6B6B

Same Dimension

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



3344A4



243FD6



5933A4



494B52



001691



000312

Inverse Universe

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



A43344



D6243F



7EA433



52494B



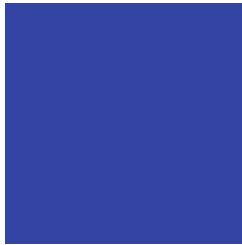
910016



120003

Previews

White Background



This preview shows how the Hex color 3344A4 looks on a white background.

Color Contrast Check

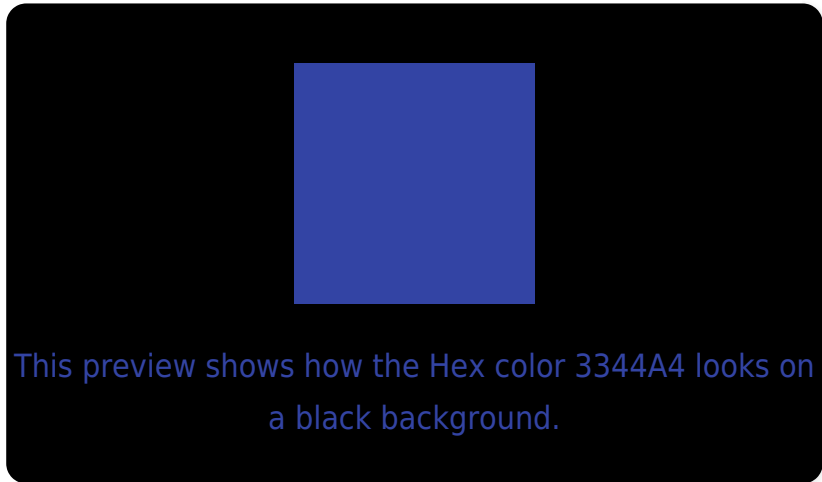
Large Text (above 18pt) WCAG AA ✓ Pass

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

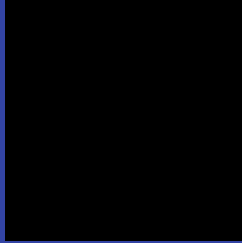
Any Text WCAG AA × Fail

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 3344A4 Background



This preview shows how black text looks on a background with the Hex color 3344A4.

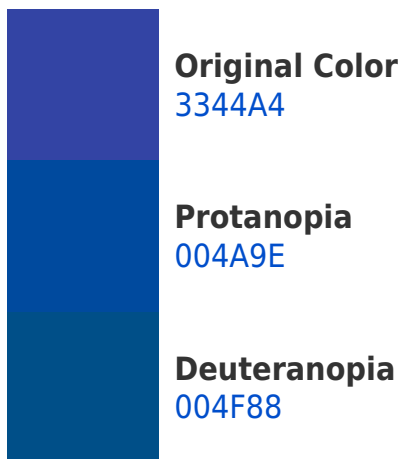



This preview shows how white text looks on a background with the Hex color 3344A4.

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
00565C

Trichromacy



Original Color
3344A4

Protanomaly
1348A0

Deuteranomaly
134B92

Tritanomaly
134F76

Monochromacy



Original Color
3344A4

Achromatopsia
4A4A4A

Achromatomaly
42486B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3344A4 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 #3344A4 looks like.

```
.text, #text, p{  
    color:#3344A4  
}
```

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 #3344A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3344A4
}
```

Border

The CSS property to change the border of an element to Hex 3344A4 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
#3344A4 }
```

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

```
.border{ border-color:#3344A4 }
```

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

Here you see how a box with a 4 pixel #3344A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3344A4; -webkit-box-shadow:4px 4px  
4px 4px #3344A4; box-shadow:4px 4px 4px  
4px #3344A4 }
```

Background

The CSS property to change the background color of an element to Hex 3344A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3344A4 }
```

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

```
.background{ background-color:#3344A4 }
```

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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