

Converting Colors

Hex(3339A4)

Have a look what the booklet for
Hex(3339A4) contains.

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Color

Hex(3339A4)

Conversions

Conversions Part 1

Format	Color
Hex	3339A4
RGB	51, 57, 164
RGB Percent	20%, 22%, 64%
CMY	0.8000, 0.7765, 0.3569
CMYK	0.69, 0.65, 0.00, 0.36
HSL	237°, 53%, 42%
HSV	237°, 69%, 64%
XYZ	9.5292, 6.3104, 35.8377
YIQ	67.4040, -37.9230, 32.0050

Conversions

Conversions Part 2

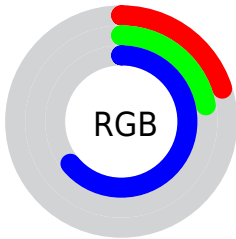
Format	Color
RYB	51, 57, 164
Decimal	3357092
CIELab	30.18, 33.22, -58.46
CIElCh	30, 67.241, 299.603
Yxy	6.3104, 0.1844, 0.1221
Android (android.graphics.Color)	4281547172 (0xFF3339A4)
YUV	67.4040, 47.6218, -14.3863
Hunter-Lab	25.1205, 23.7513, -67.0007

Details

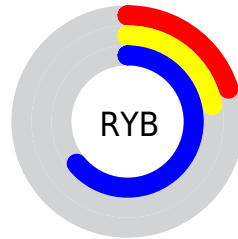
The Hex color **3339A4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A49E33**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7068DC**, and **000F6F** is the 20% darker color. If you saturate the color by 10%, you get **2329A4**, and if you desaturate by 10%, it is **4349A4**.

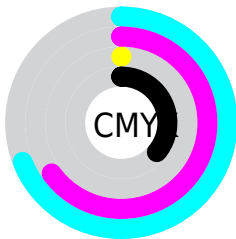
Distribution



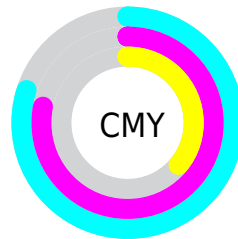
- Red (20%)
- Green (22%)
- Blue (64%)



- Red (20%)
- Yellow (22%)
- Blue (64%)



- Cyan (69%)
- Magenta (65%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (78%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3339A4 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 3339A4 by changing the saturation by 10% instead.

■ 3339A4

■ 3339A4

FFFFFF

■ 012389

■ 7068DC

■ 000F6F

■ 8D82F9

■ 000056

■ AA9CFF

■ 00063E

■ C7B7FF

■ 000327

■ E5D2FF

■ 000110

■ FFEFFF

■ 000000

■ 3339A4

■ 3339A4

■ 2329A4

■ 4349A4

■ 121AA4

■ 5458A4

■ 020AA4

■ 6468A4

■ 0009A4

■ 7577A4

■ 8587A4

■ 9596A4

■ A6A6A4

■ B6B5A4

■ C7C5A4

Harmonies

Analogous

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



004FB2



3339A4



82057D

Triad

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



3339A4



802C00



005B45

Complementary

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



3339A4



A49E33

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.



005806



3339A4



584500

Square

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



3339A4



990017



215200



005C7A

Rectangle

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



3339A4



97005C



215200



005A32

Sweetspot

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



3339A4



A9ACD6



33A49C



50526B



EBEBEB



6B6B6B

Same Dimension

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



3339A4



242ED6



6433A4



494A52



000891



000112

Inverse Universe

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



A43339



D6242E



73A433



52494A



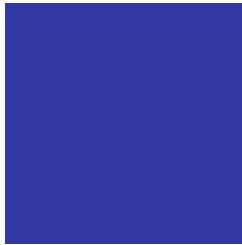
910008



120001

Previews

White Background



This preview shows how the Hex color 3339A4 looks on a white background.

Color Contrast Check

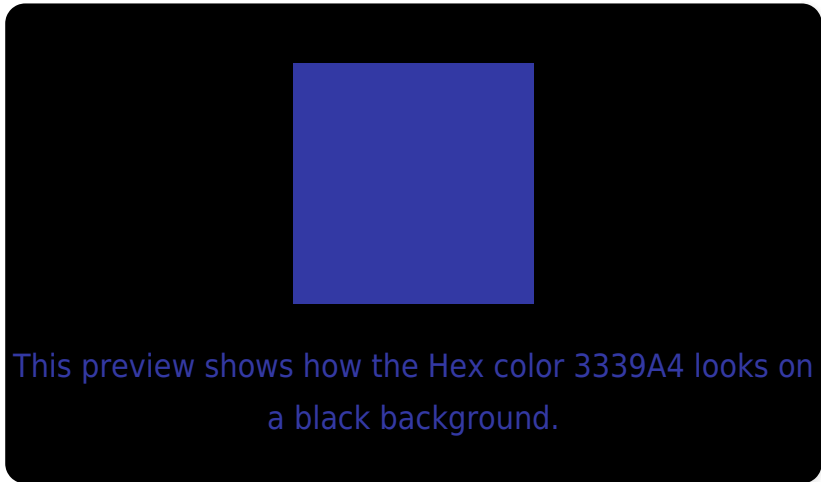
Large Text (above 18pt) WCAG AA ✓ Pass

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

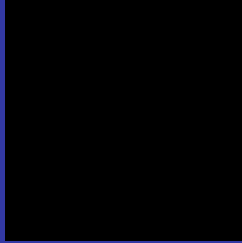
Any Text WCAG AA × Fail

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 3339A4 Background



This preview shows how black text looks on a background with the Hex color 3339A4.

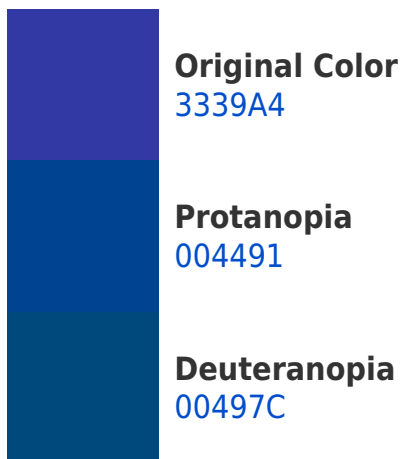


This preview shows how white text looks on a background with the Hex color 3339A4.

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
004F54

Trichromacy



Original Color
3339A4

Protanomaly
134098

Deuteranomaly
13438B

Tritanomaly
134771

Monochromacy



Original Color
3339A4

Achromatopsia
434343

Achromatomaly
3D3F66

CSS Examples

Text

The CSS property to change the color of the text to Hex 3339A4 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 #3339A4 looks like.

```
.text, #text, p{  
    color:#3339A4  
}
```

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 #3339A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3339A4
}
```

Border

The CSS property to change the border of an element to Hex 3339A4 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
#3339A4 }
```

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

```
.border{ border-color:#3339A4 }
```

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

Here you see how a box with a 4 pixel #3339A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3339A4; -webkit-box-shadow:4px 4px  
4px 4px #3339A4; box-shadow:4px 4px 4px  
4px #3339A4 }
```

Background

The CSS property to change the background color of an element to Hex 3339A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3339A4 }
```

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

```
.background{ background-color:#3339A4 }
```

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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