

Converting Colors

Hex(34329A)

Have a look what the booklet for
Hex(34329A) contains.

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Color

Hex(34329A)

Conversions

Conversions Part 1

Format	Color
Hex	34329A
RGB	52, 50, 154
RGB Percent	20%, 20%, 60%
CMY	0.7961, 0.8039, 0.3961
CMYK	0.66, 0.68, 0.00, 0.40
HSL	241°, 51%, 40%
HSV	241°, 68%, 60%
XYZ	8.3895, 5.3444, 31.1612
YIQ	62.4540, -32.1920, 32.7680

Conversions

Conversions Part 2

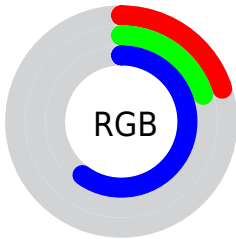
Format	Color
R_{YB}	52, 50, 154
Decimal	3420826
CIE _{Lab}	27.69, 34.29, -56.47
CIE _{LCh}	28, 66.059, 301.266
Yxy	5.3444, 0.1869, 0.1190
Android (android.graphics.Color)	4281610906 (0xFF34329A)
YUV	62.4540, 45.1322, -9.1682
Hunter-Lab	23.1179, 24.3216, -63.7361

Details

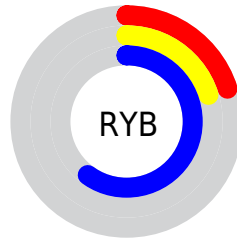
The Hex color **34329A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **989A32**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6F61D1**, and **000866** is the 20% darker color. If you saturate the color by 10%, you get **25239A**, and if you desaturate by 10%, it is **43419A**.

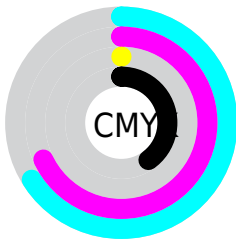
Distribution



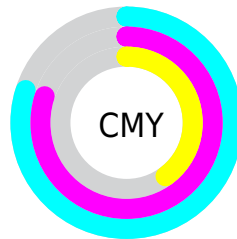
- Red (20%)
- Green (20%)
- Blue (60%)



- Red (20%)
- Yellow (20%)
- Blue (60%)



- Cyan (66%)
- Magenta (68%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34329A 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 34329A by changing the saturation by 10% instead.

■ 34329A

■ 34329A

FFFFFF

■ 091C7F

■ 6F61D1

■ 000866

■ 8C7AEE

■ 00004D

■ A894FF

■ 000535

■ C5AFFF

■ 00021F

■ E3CAFF

■ 000002

■ FFE6FF

■ 000000

■ 34329A

■ 34329A

■ 25239A

■ 43419A

■ 16139A

■ 52519A

■ 07049A

■ 61609A

■ 03009A

■ 70709A

■ 807F9A

■ 8F8E9A

■ 9E9E9A

■ ADAD9A

■ BCBD9A

Harmonies

Analogous

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



0049A9



34329A



7C0073

Triad

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



34329A



762900



005442

Complementary

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



34329A



989A32

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.



005206



34329A



4F4100

Square

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



34329A



8F0010



164D00



005576

Rectangle

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



34329A



900053



164D00



005430

Sweetspot

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



34329A



A2A1C9



32989A



4E4E66



E6E6E6



666666

Same Dimension

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



34329A



2926C9



68329A



45454D



03008C



00000D

Inverse Universe

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



9A3298



C926C6



649A32



4D454C



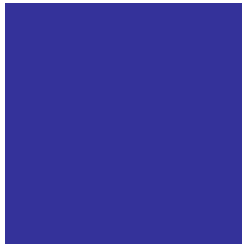
8C008A



0D000D

Previews

White Background



This preview shows how the Hex color 34329A looks on a white background.

Color Contrast Check

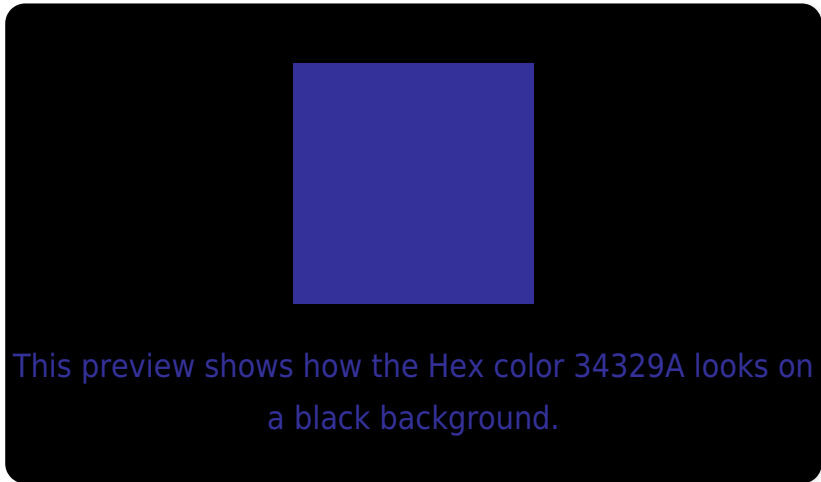
Large Text (above 18pt) WCAG AA ✓ Pass

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

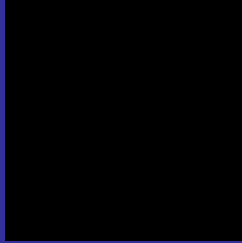
Any Text WCAG AA × Fail

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 34329A Background



This preview shows how black text looks on a background with the Hex color 34329A.

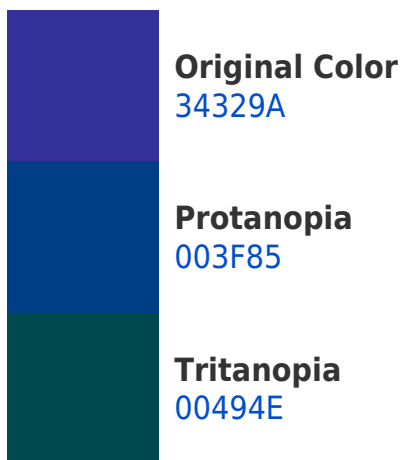


This preview shows how white text looks on a background with the Hex color 34329A.

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
34329A

Protanomaly
133A8D

Tritanomaly
13416A

Monochromacy



Original Color
34329A

Achromatopsia
3E3E3E

Achromatomaly
3A3A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 34329A 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 #34329A looks like.

```
.text, #text, p{  
    color:#34329A  
}
```

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 #34329A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34329A
}
```

Border

The CSS property to change the border of an element to Hex 34329A 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
#34329A }
```

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

```
.border{ border-color:#34329A }
```

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

Here you see how a box with a 4 pixel #34329A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34329A; -webkit-box-shadow:4px 4px  
4px 4px #34329A; box-shadow:4px 4px 4px  
4px #34329A }
```

Background

The CSS property to change the background color of an element to Hex 34329A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34329A }
```

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

```
.background{ background-color:#34329A }
```

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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