

Converting Colors

Hex(32409F)

Have a look what the booklet for
Hex(32409F) contains.

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Color

Hex(32409F)

Conversions

Conversions Part 1

Format	Color
Hex	32409F
RGB	50, 64, 159
RGB Percent	20%, 25%, 62%
CMY	0.8039, 0.7490, 0.3765
CMYK	0.69, 0.60, 0.00, 0.38
HSL	232°, 52%, 41%
HSV	232°, 69%, 62%
XYZ	9.4068, 6.8481, 33.6269
YIQ	70.6440, -38.8390, 26.5770

Conversions

Conversions Part 2

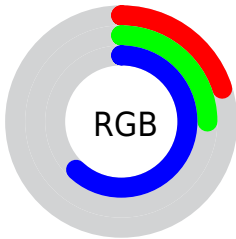
Format	Color
R_{YB}	50, 62, 159
Decimal	3293343
CIE _{Lab}	31.46, 26.72, -53.36
CIE _{LCh}	31, 59.678, 296.595
Yxy	6.8481, 0.1886, 0.1373
Android (android.graphics.Color)	4281483423 (0xFF32409F)
YUV	70.6440, 43.5595, -18.1048
Hunter-Lab	26.1689, 18.3689, -57.8692

Details

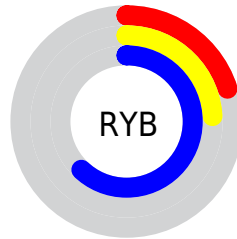
The Hex color **32409F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9F9132**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6E70D7**, and **00166A** is the 20% darker color. If you saturate the color by 10%, you get **22329F**, and if you desaturate by 10%, it is **424E9F**.

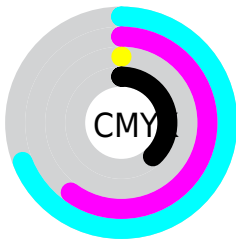
Distribution



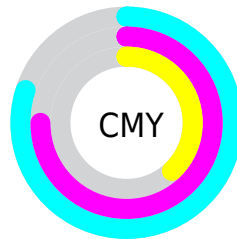
- Red (20%)
- Green (25%)
- Blue (62%)



- Red (20%)
- Yellow (24%)
- Blue (62%)



- Cyan (69%)
- Magenta (60%)
- Yellow (0%)
- Black (38%)



- Cyan (80%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32409F 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 32409F by changing the saturation by 10% instead.

■ 32409F

FFFFFF

■ 6E70D7

■ 8A89F3

■ A7A3FF

■ C4BEFF

■ E1DAFF

■ FFF7FF

■ 32409F

■ 22329F

■ 32409F

■ 042A84

■ 00166A

■ 000052

■ 00053A

■ 000223

■ 00000A

■ 000000

■ 32409F

■ 424E9F

■ 12249F

■ 525C9F

■ 02169F

■ 626A9F

■ 00149F

■ 72779F

■ 82859F

■ 91939F

■ A1A19F

■ B1AF9F

■ C1BD9F

Harmonies

Analogous

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



0052A9



32409F



7B227E

Triad

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



32409F



823000



005D43

Complementary

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



32409F



9F9132

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.



005A0E



32409F



604600

Square

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



32409F



960A24



335300



005D73

Rectangle

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



32409F



910061



335300



005C33

Sweetspot

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



32409F



A3A9CF



329F90



4E5269



E8E8E8



696969

Same Dimension

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



32409F



253BCF



5A329F



47484F



00128F



00020F

Inverse Universe

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



9F3240



CF253B



779F32



4F4748



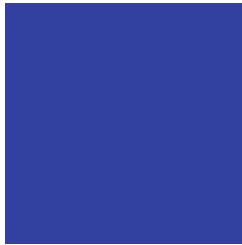
8F0012



0F0002

Previews

White Background



This preview shows how the Hex color 32409F looks on a white background.

Color Contrast Check

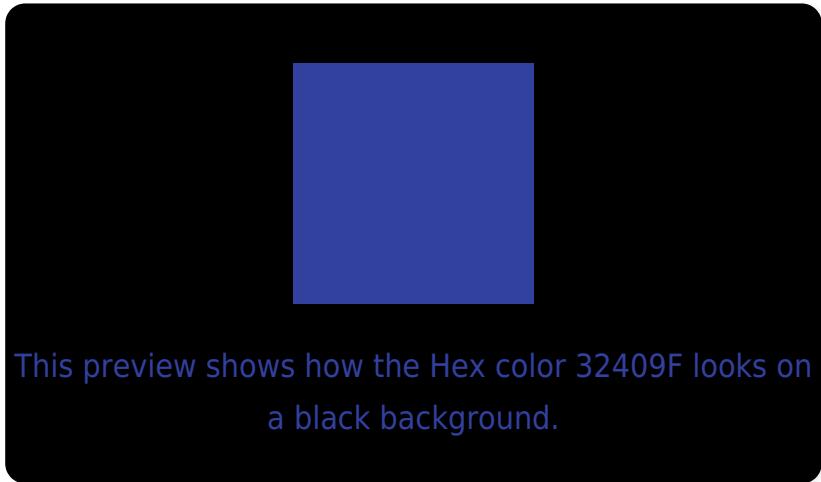
Large Text (above 18pt) WCAG AA ✓ Pass

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

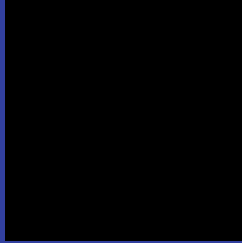
Any Text WCAG AA × Fail

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 32409F Background



This preview shows how black text looks on a background with the Hex color 32409F.

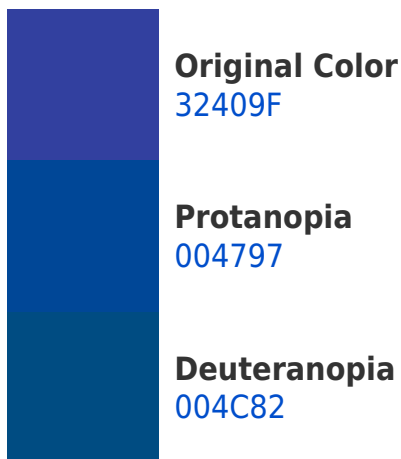


This preview shows how white text looks on a background with the Hex color 32409F.

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
32409F

Protanomaly
12449A

Deuteranomaly
12488D

Tritanomaly
124B72

Monochromacy



Original Color
32409F

Achromatopsia
474747

Achromatomaly
3F4467

CSS Examples

Text

The CSS property to change the color of the text to Hex 32409F 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 #32409F looks like.

```
.text, #text, p{  
    color:#32409F  
}
```

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 #32409F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32409F
}
```

Border

The CSS property to change the border of an element to Hex 32409F 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
#32409F }
```

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

```
.border{ border-color:#32409F }
```

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

Here you see how a box with a 4 pixel #32409F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32409F; -webkit-box-shadow:4px 4px  
4px 4px #32409F; box-shadow:4px 4px 4px  
4px #32409F }
```

Background

The CSS property to change the background color of an element to Hex 32409F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32409F }
```

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

```
.background{ background-color:#32409F }
```

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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