

Converting Colors

Hex(16349F)

Have a look what the booklet for
Hex(16349F) contains.

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Color

Hex(16349F)

Conversions

Conversions Part 1

Format	Color
Hex	16349F
RGB	22, 52, 159
RGB Percent	9%, 20%, 62%
CMY	0.9137, 0.7961, 0.3765
CMYK	0.86, 0.67, 0.00, 0.38
HSL	227°, 76%, 35%
HSV	227°, 86%, 62%
XYZ	7.8169, 5.1298, 33.3790
YIQ	55.2280, -52.2270, 26.9170

Conversions

Conversions Part 2

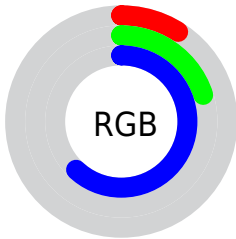
Format	Color
R_{YB}	22, 47, 159
Decimal	1455263
CIE _{Lab}	27.10, 31.66, -60.54
CIE _{LCh}	27, 68.319, 297.604
Yxy	5.1298, 0.1687, 0.1107
Android (android.graphics.Color)	4279645343 (0xFF16349F)
YUV	55.2280, 51.1596, -29.1410
Hunter-Lab	22.6490, 21.9703, -71.5247

Details

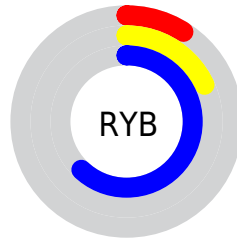
The Hex color **16349F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9F8116**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5E62D7**, and **000C6A** is the 20% darker color. If you saturate the color by 10%, you get **06289F**, and if you desaturate by 10%, it is **26409F**.

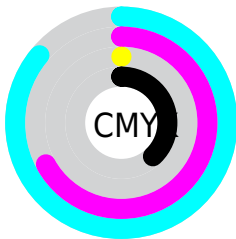
Distribution



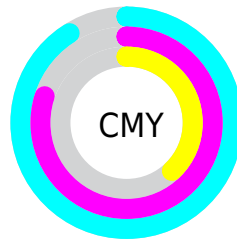
- Red (9%)
- Green (20%)
- Blue (62%)



- Red (9%)
- Yellow (18%)
- Blue (62%)



- Cyan (86%)
- Magenta (67%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (80%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16349F 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 16349F by changing the saturation by 10% instead.

■ 16349F

■ 16349F

FFFFFF

■ 001F84

■ 5E62D7

■ 000C6A

■ 7C7BF4

■ 000051

■ 9995FF

■ 000539

■ B7B0FF

■ 000223

■ D4CBFF

■ 000009

■ F2E7FF

■ 000000

■ 16349F

■ 16349F

■ 06289F

■ 26409F

■ 00239F

■ 364D9F

■ 46599F

■ 56669F

■ 66729F

■ 757F9F

■ 858B9F

■ 95979F

■ A5A49F

Harmonies

Analogous

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



0049AB



16349F



770079

Triad

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



16349F



792100



00533A

Complementary

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



16349F



9F8116

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.



005000



16349F



533D00

Square

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



16349F



910014



1C4A00



005470

Rectangle

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



16349F



8E0058



1C4A00



005228

Sweetspot

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



16349F



99A5CF



169F7F



484F69



E8E8E8



696969

Same Dimension

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



16349F



002DCF



3B169F



47494F



001F8F



00030F

Inverse Universe

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



9F1634



CF002D



7A9F16



4F4749



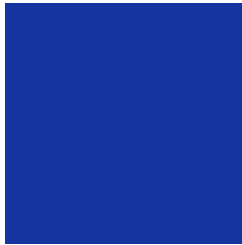
8F001F



0F0003

Previews

White Background



This preview shows how the Hex color 16349F looks on a white background.

Color Contrast Check

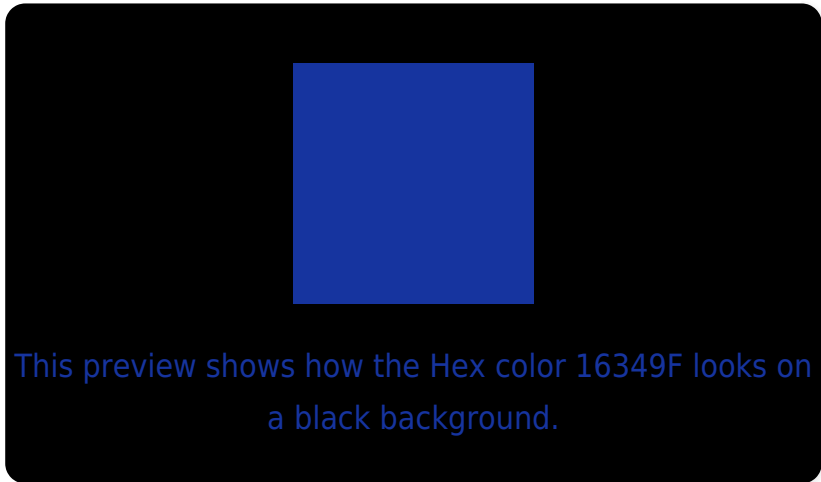
Large Text (above 18pt) WCAG AA ✓ Pass

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

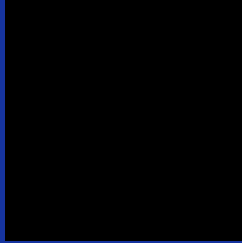
Any Text WCAG AA × Fail

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 16349F Background



This preview shows how black text looks on a background with the Hex color 16349F.



This preview shows how white text looks on a background with the Hex color 16349F.

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



Original Color
16349F

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
00474B

Trichromacy



Original Color
16349F

Protanomaly
083A8D

Deuteranomaly
083D80

Tritanomaly
08406A

Monochromacy



Original Color
16349F

Achromatopsia
373737

Achromatomaly
2B365D

CSS Examples

Text

The CSS property to change the color of the text to Hex 16349F 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 #16349F looks like.

```
.text, #text, p{  
    color:#16349F  
}
```

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 #16349F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16349F
}
```

Border

The CSS property to change the border of an element to Hex 16349F 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
#16349F }
```

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

```
.border{ border-color:#16349F }
```

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

Here you see how a box with a 4 pixel #16349F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16349F; -webkit-box-shadow:4px 4px  
4px 4px #16349F; box-shadow:4px 4px 4px  
4px #16349F }
```

Background

The CSS property to change the background color of an element to Hex 16349F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16349F }
```

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

```
.background{ background-color:#16349F }
```

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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