

Converting Colors

Hex(36399E)

Have a look what the booklet for
Hex(36399E) contains.

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Color

Hex(36399E)

Conversions

Conversions Part 1

Format	Color
Hex	36399E
RGB	54, 57, 158
RGB Percent	21%, 22%, 62%
CMY	0.7882, 0.7765, 0.3804
CMYK	0.66, 0.64, 0.00, 0.38
HSL	238°, 49%, 42%
HSV	238°, 66%, 62%
XYZ	9.1560, 6.1791, 33.0579
YIQ	67.6170, -34.2090, 30.7750

Conversions

Conversions Part 2

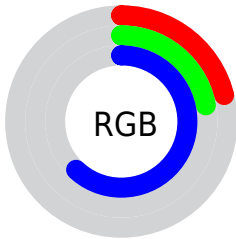
Format	Color
RYB	54, 57, 158
Decimal	3553694
CIELab	29.86, 31.53, -55.35
CIELCh	30, 63.704, 299.670
Yxy	6.1791, 0.1892, 0.1277
Android (android.graphics.Color)	4281743774 (0xFF36399E)
YUV	67.6170, 44.5588, -11.9421
Hunter-Lab	24.8579, 22.2463, -61.4477

Details

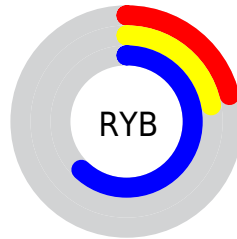
The Hex color **36399E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9E9B36**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7168D6**, and **000F69** is the 20% darker color. If you saturate the color by 10%, you get **262A9E**, and if you desaturate by 10%, it is **46489E**.

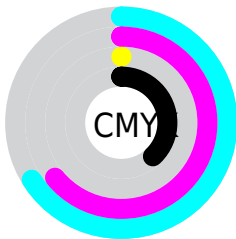
Distribution



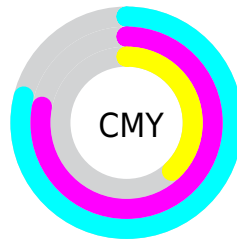
- Red (21%)
- Green (22%)
- Blue (62%)



- Red (21%)
- Yellow (22%)
- Blue (62%)



- Cyan (66%)
- Magenta (64%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (78%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36399E 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 36399E by changing the saturation by 10% instead.

■ 36399E

■ 36399E

FFFFFF

■ 0E2383

■ 7168D6

■ 000F69

■ 8D82F2

■ 000051

■ AA9CFF

■ 000539

■ C7B7FF

■ 000222

■ E4D2FF

■ 000008

■ FFEFFF

■ 000000

■ 36399E

■ 36399E

■ 262A9E

■ 46489E

■ 161A9E

■ 56589E

■ 070B9E

■ 65679E

■ 00059E

■ 75769E

■ 85869E

■ 95959E

■ A5A49E

■ B4B49E

■ C4C39E

Harmonies

Analogous

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



004EAB



36399E



7E0F79

Triad

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



36399E



7D2D00



005944

Complementary

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



36399E



9E9B36

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.



00570B



36399E



574500

Square

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



36399E



940019



245100



005A77

Rectangle

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



36399E



92005A



245100



005933

Sweetspot

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



36399E



A5A6CF



369E9B



4F5069



E8E8E8



696969

Same Dimension

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



36399E



2B30CF



67369E



47474F



00048F



00000F

Inverse Universe

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



9E3639



CF2B30



6D9E36



4F4747



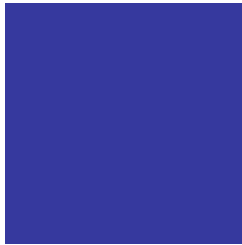
8F0004



0F0000

Previews

White Background



This preview shows how the Hex color 36399E looks on a white background.

Color Contrast Check

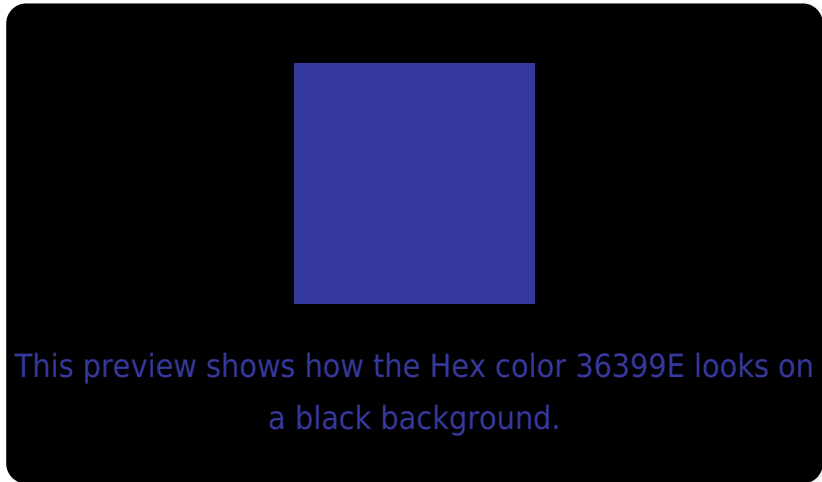
Large Text (above 18pt) WCAG AA ✓ Pass

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

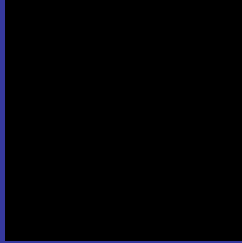
Any Text WCAG AA × Fail

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 36399E Background



This preview shows how black text looks on a background with the Hex color 36399E.



This preview shows how white text looks on a background with the Hex color 36399E.

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
36399E

Protanopia
00448F

Deuteranopia
00487B



Tritanopia
004E54

Trichromacy



Original Color
36399E

Protanomaly
144094

Deuteranomaly
144388

Tritanomaly
14466F

Monochromacy



Original Color
36399E

Achromatopsia
444444

Achromatomaly
3F4065

CSS Examples

Text

The CSS property to change the color of the text to Hex 36399E 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 #36399E looks like.

```
.text, #text, p{  
    color:#36399E  
}
```

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 #36399E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36399E
}
```

Border

The CSS property to change the border of an element to Hex 36399E 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
#36399E }
```

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

```
.border{ border-color:#36399E }
```

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

Here you see how a box with a 4 pixel #36399E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36399E; -webkit-box-shadow:4px 4px  
4px 4px #36399E; box-shadow:4px 4px 4px  
4px #36399E }
```

Background

The CSS property to change the background color of an element to Hex 36399E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36399E }
```

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

```
.background{ background-color:#36399E }
```

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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