

Converting Colors

Hex(0346AE)

Have a look what the booklet for
Hex(0346AE) contains.

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Color

Hex(0346AE)

Conversions

Conversions Part 1

Format	Color
Hex	0346AE
RGB	3, 70, 174
RGB Percent	1%, 27%, 68%
CMY	0.9882, 0.7255, 0.3176
CMYK	0.98, 0.60, 0.00, 0.32
HSL	216°, 97%, 35%
HSV	216°, 98%, 68%
XYZ	9.8677, 7.4557, 40.9634
YIQ	61.8230, -73.3160, 18.1400

Conversions

Conversions Part 2

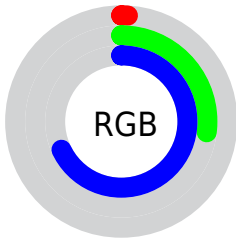
Format	Color
R_{YB}	3, 51, 174
Decimal	214702
CIE _{Lab}	32.82, 24.56, -60.20
CIE _{LCh}	33, 65.019, 292.189
Yxy	7.4557, 0.1693, 0.1279
Android (android.graphics.Color)	4278404782 (0xFF0346AE)
YUV	61.8230, 55.3033, -51.5878
Hunter-Lab	27.3051, 16.7237, -69.8340

Details

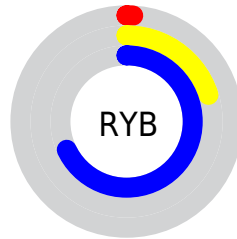
The Hex color **0346AE** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AE6B03**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5C76E6**, and **001D78** is the 20% darker color. If you saturate the color by 10%, you get **0044AE**, and if you desaturate by 10%, it is **1451AE**.

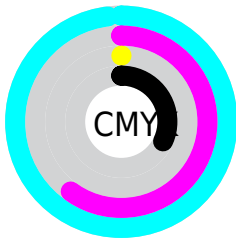
Distribution



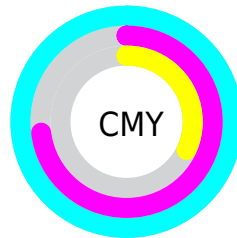
- Red (1%)
- Green (27%)
- Blue (68%)



- Red (1%)
- Yellow (20%)
- Blue (68%)



- Cyan (98%)
- Magenta (60%)
- Yellow (0%)
- Black (32%)



- Cyan (99%)
- Magenta (73%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0346AE 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 0346AE by changing the saturation by 10% instead.

■ 0346AE

■ 0346AE

FFFFFF

■ 003093

■ 5C76E6

■ 001D78

■ 7B8FFF

■ 00055F

■ 99A9FF

■ 000846

■ B6C5FF

■ 00042F

■ D4E0FF

■ 000119

■ F3FDFF

■ 000000

■ 0346AE

■ 0346AE

■ 0044AE

■ 1451AE

■ 265BAE

■ 3766AE

■ 4970AE

■ 5A7BAE

■ 6B85AE

■ 7D90AE

■ 8E9BAE

■ A0A5AE

Harmonies

Analogous

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



0058B5



0346AE



7B258D

Triad

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



0346AE



8E2B00



00613E

Complementary

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



0346AE



AE6B03

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.



005D00



0346AE



6A4700

Square

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



0346AE



A2002B



3B5600



006273

Rectangle

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



0346AE



96006E



3B5600



00602B

Sweetspot

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



0346AE



A1BBE3



03AE6A



4B5A73



F2F2F2



737373

Same Dimension

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



0346AE



0059E3



1403AE



4E5157



003B96



000917

Inverse Universe

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



AE0346



E30059



9DAE03



574E51



96003B



170009

Previews

White Background



This preview shows how the Hex color 0346AE looks on a white background.

Color Contrast Check

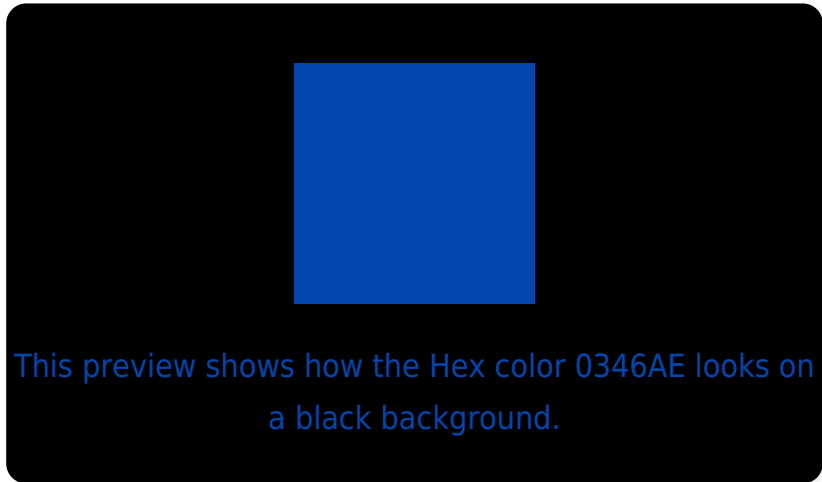
Large Text (above 18pt) WCAG AA ✓ Pass

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

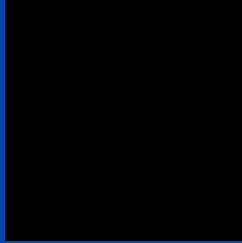
Any Text WCAG AA × Fail

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 0346AE Background



This preview shows how black text looks on a background with the Hex color 0346AE.



This preview shows how white text looks on a background with the Hex color 0346AE.

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

0346AE

Protanopia

004A9E

Deuteranopia

004F87



Tritanopia
00565B

Trichromacy



Original Color
0346AE

Protanomaly
0149A4

Deuteranomaly
014C95

Tritanomaly
015079

Monochromacy



Original Color
0346AE

Achromatopsia
3E3E3E

Achromatomaly
294167

CSS Examples

Text

The CSS property to change the color of the text to Hex 0346AE 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 #0346AE looks like.

```
.text, #text, p{  
    color:#0346AE  
}
```

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 #0346AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0346AE
}
```

Border

The CSS property to change the border of an element to Hex 0346AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

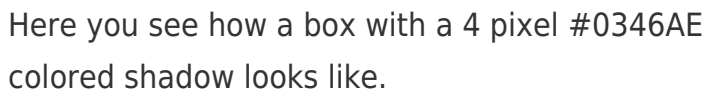
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0346AE }
```

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

```
.border{ border-color:#0346AE }
```

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



Here you see how a box with a 4 pixel #0346AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0346AE; -webkit-box-shadow:4px 4px  
4px 4px #0346AE; box-shadow:4px 4px 4px  
4px #0346AE }
```

Background

The CSS property to change the background color of an element to Hex 0346AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0346AE }
```

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

```
.background{ background-color:#0346AE }
```

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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