

Converting Colors

Hex(376AAE)

Have a look what the booklet for
Hex(376AAE) contains.

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Color

Hex(376AAE)

Conversions

Conversions Part 1

Format	Color
Hex	376AAE
RGB	55, 106, 174
RGB Percent	22%, 42%, 68%
CMY	0.7843, 0.5843, 0.3176
CMYK	0.68, 0.39, 0.00, 0.32
HSL	214°, 52%, 45%
HSV	214°, 68%, 68%
XYZ	14.3696, 14.1763, 42.0233
YIQ	98.5030, -52.2240, 10.3360

Conversions

Conversions Part 2

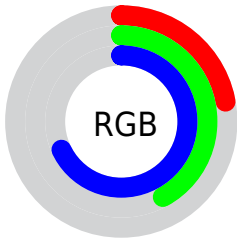
Format	Color
RYB	55, 91, 174
Decimal	3631790
CIELab	44.48, 5.65, -41.33
CIElCh	44, 41.716, 277.787
Yxy	14.1763, 0.2036, 0.2009
Android (android.graphics.Color)	4281821870 (0xFF376AAE)
YUV	98.5030, 37.2200, -38.1521
Hunter-Lab	37.6514, 2.2341, -39.8185

Details

The Hex color **376AAE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AE7B37**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **739DE6**, and **003B79** is the 20% darker color. If you saturate the color by 10%, you get **2660AE**, and if you desaturate by 10%, it is **4874AE**.

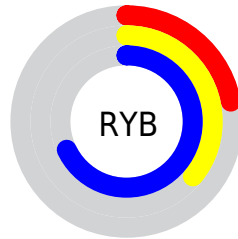
Distribution



Red (22%)

Green (42%)

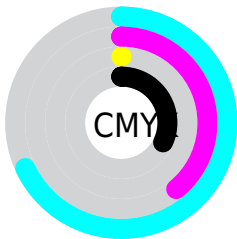
Blue (68%)



Red (22%)

Yellow (36%)

Blue (68%)

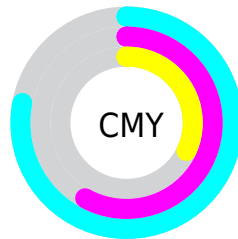


Cyan (68%)

Magenta (39%)

Yellow (0%)

Black (32%)



Cyan (78%)

Magenta (58%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 376AAE 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 376AAE by changing the saturation by 10% instead.

■ 376AAE

■ 376AAE

FFFFFF

■ 0D5293

■ 739DE6

■ 003B79

■ 8FB8FF

■ 002660

■ ACD3FF

■ 001248

■ C9EFFF

■ 000431

■ E6FFFF

■ 00011B

■ 000000

■ 376AAE

■ 376AAE

■ 2660AE

■ 4874AE

■ 1456AE

■ 5A7EAE

■ 034CAE

■ 6B88AE

■ 004BAE

■ 7D92AE

■ 8E9CAE

■ 9FA6AE

■ B1B0AE

■ C2BAAE

■ D4C3AE

Harmonies

Analogous

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



0074A9



376AAE



775CA0

Triad

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



376AAE



A45140



0F784E

Complementary

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



376AAE



AE7B37

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.



4F732F



376AAE



915E28

Square

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



376AAE



A94A61



746A1F



007A72

Rectangle

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



376AAE



91538F



746A1F



2E7743

Sweetspot

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



376AAE



B3C8E3



37AE7A



566273



F2F2F2



737373

Same Dimension

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



376AAE



2979E3



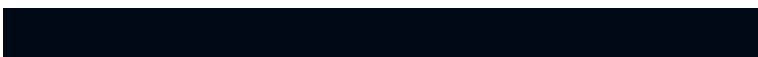
3F37AE



4E5257



004096



000A17

Inverse Universe

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



AE376A



E32979



A6AE37



574E52



960040



17000A

Previews

White Background



This preview shows how the Hex color 376AAE looks on a white background.

Color Contrast Check

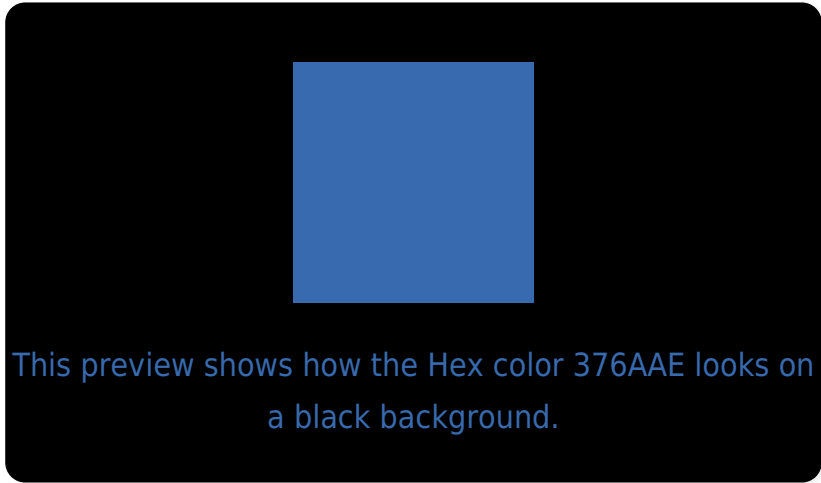
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

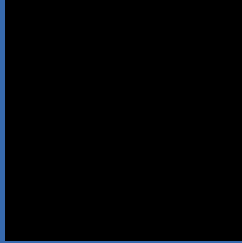
Any Text WCAG AA × Fail

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 376AAE Background



This preview shows how black text looks on a background with the Hex color 376AAE.

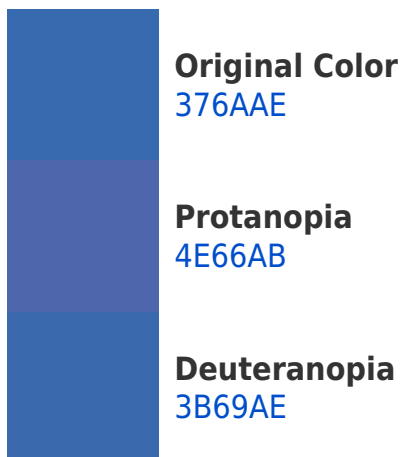


This preview shows how white text looks on a background with the Hex color 376AAE.

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](#).

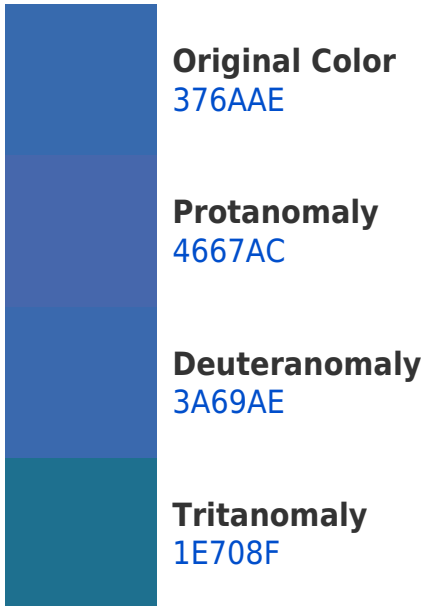
Dichromacy



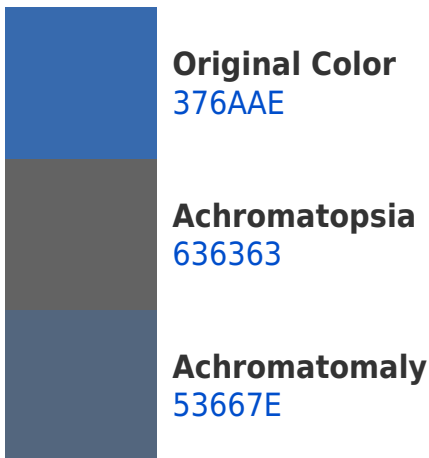


Tritanopia
0F747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 376AAE 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 #376AAE looks like.

```
.text, #text, p{  
    color:#376AAE  
}
```

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 #376AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376AAE
}
```

Border

The CSS property to change the border of an element to Hex 376AAE 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
#376AAE }
```

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

```
.border{ border-color:#376AAE }
```

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

Here you see how a box with a 4 pixel #376AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376AAE; -webkit-box-shadow:4px 4px  
4px 4px #376AAE; box-shadow:4px 4px 4px  
4px #376AAE }
```

Background

The CSS property to change the background color of an element to Hex 376AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376AAE }
```

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

```
.background{ background-color:#376AAE }
```

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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