

Converting Colors

Hex(136AA0)

Have a look what the booklet for
Hex(136AA0) contains.

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Color

Hex(136AA0)

Conversions

Conversions Part 1

Format	Color
Hex	136AA0
RGB	19, 106, 160
RGB Percent	7%, 42%, 63%
CMY	0.9255, 0.5843, 0.3725
CMYK	0.88, 0.34, 0.00, 0.37
HSL	203°, 79%, 35%
HSV	203°, 88%, 63%
XYZ	11.7678, 12.9846, 35.1438
YIQ	86.1430, -69.1860, -1.6500

Conversions

Conversions Part 2

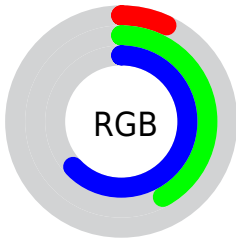
Format	Color
RYB	19, 73, 160
Decimal	1272480
CIELab	42.74, -3.99, -35.92
CIELCh	43, 36.136, 263.668
Yxy	12.9846, 0.1965, 0.2168
Android (android.graphics.Color)	4279462560 (0xFF136AA0)
YUV	86.1430, 36.4115, -58.8844
Hunter-Lab	36.0341, -4.7665, -32.6011

Details

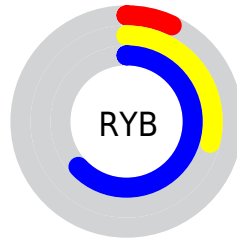
The Hex color **136AA0** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A04913**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5B9DD7**, and **003B6C** is the 20% darker color. If you saturate the color by 10%, you get **0364A0**, and if you desaturate by 10%, it is **2370A0**.

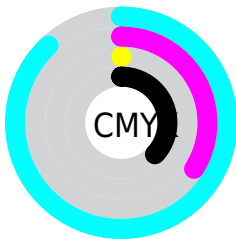
Distribution



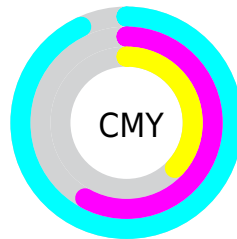
- Red (7%)
- Green (42%)
- Blue (63%)



- Red (7%)
- Yellow (29%)
- Blue (63%)



- Cyan (88%)
- Magenta (34%)
- Yellow (0%)
- Black (37%)



- Cyan (93%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136AA0 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 136AA0 by changing the saturation by 10% instead.

■ 136AA0

■ 136AA0

FFFFFF

■ 005286

■ 5B9DD7

■ 003B6C

■ 79B8F4

■ 002653

■ 96D3FF

■ 00113C

■ B3F0FF

■ 000226

■ D0FFFF

■ 00010E

■ EEEFFF

■ 000000

■ 136AA0

■ 136AA0

■ 0364A0

■ 2370A0

■ 0063A0

■ 3376A0

■ 437CA0

■ 5383A0

■ 6389A0

■ 738FA0

■ 8395A0

■ 939BA0

■ A3A1A0

Harmonies

Analogous

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



007194



136AA0



5D609C

Triad

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



136AA0



9C4D4F



3B7040

Complementary

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



136AA0



A04913

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.



5F6A2C



136AA0



915636

Square

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



136AA0



994C6D



7C6128



00745D

Rectangle

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



136AA0



795890



7C6128



486F38

Sweetspot

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



136AA0



9BBCD1



13A047



485C69



E8E8E8



696969

Same Dimension

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



136AA0



0081D1



1326A0



474C4F



00588F



00090F

Inverse Universe

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



A0136A



D10081



A08D13



4F474C



8F0058



0F0009

Previews

White Background



This preview shows how the Hex color 136AA0 looks on a white background.

Color Contrast Check

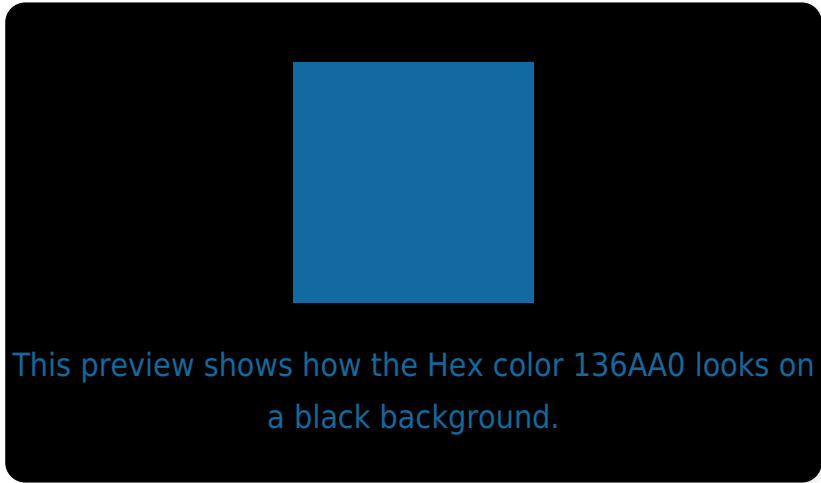
Large Text (above 18pt) WCAG AA ✓ Pass

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

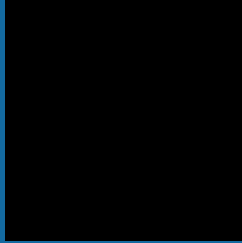
Any Text WCAG AA × Fail

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 136AA0 Background



This preview shows how black text looks on a background with the Hex color 136AA0.

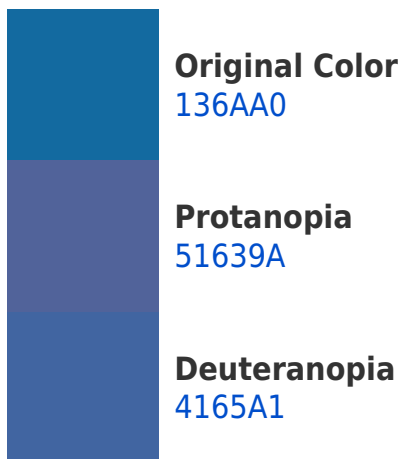


This preview shows how white text looks on a background with the Hex color 136AA0.

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](#).

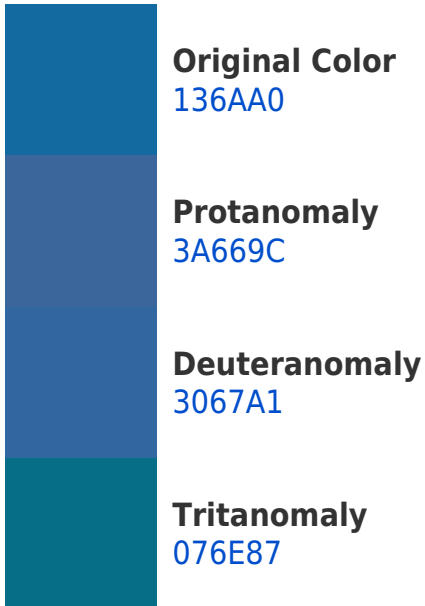
Dichromacy



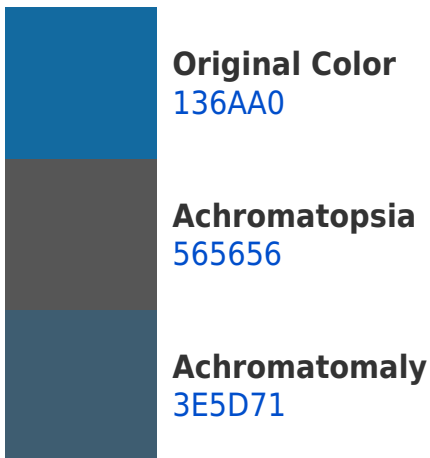


Tritanopia
007078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 136AA0 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 #136AA0 looks like.

```
.text, #text, p{  
    color:#136AA0  
}
```

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 #136AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136AA0
}
```

Border

The CSS property to change the border of an element to Hex 136AA0 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
#136AA0 }
```

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

```
.border{ border-color:#136AA0 }
```

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

Here you see how a box with a 4 pixel #136AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136AA0; -webkit-box-shadow:4px 4px  
4px 4px #136AA0; box-shadow:4px 4px 4px  
4px #136AA0 }
```

Background

The CSS property to change the background color of an element to Hex 136AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136AA0 }
```

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

```
.background{ background-color:#136AA0 }
```

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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