

Converting Colors

Hex(0156A4)

Have a look what the booklet for
Hex(0156A4) contains.

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Color

Hex(0156A4)

Conversions

Conversions Part 1

Format	Color
Hex	0156A4
RGB	1, 86, 164
RGB Percent	0%, 34%, 64%
CMY	0.9961, 0.6627, 0.3569
CMYK	0.99, 0.48, 0.00, 0.36
HSL	209°, 99%, 32%
HSV	209°, 99%, 64%
XYZ	10.0411, 9.3424, 36.3960
YIQ	69.4770, -75.6980, 6.2380

Conversions

Conversions Part 2

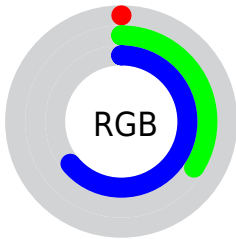
Format	Color
RYB	1, 57, 164
Decimal	87716
CIELab	36.64, 9.49, -48.05
CIElCh	37, 48.979, 281.172
Yxy	9.3424, 0.1800, 0.1675
Android (android.graphics.Color)	4278277796 (0xFF0156A4)
YUV	69.4770, 46.5998, -60.0543
Hunter-Lab	30.5653, 5.1506, -49.2046

Details

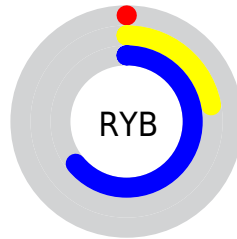
The Hex color **0156A4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A44F01**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5887DC**, and **002A6F** is the 20% darker color. If you saturate the color by 10%, you get **0056A4**, and if you desaturate by 10%, it is **115EA4**.

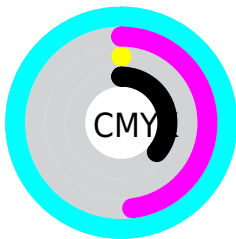
Distribution



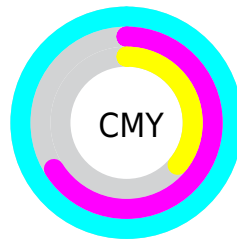
- Red (0%)
- Green (34%)
- Blue (64%)



- Red (0%)
- Yellow (22%)
- Blue (64%)



- Cyan (99%)
- Magenta (48%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0156A4 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 0156A4 by changing the saturation by 10% instead.

■ 0156A4

■ 0156A4

FFFFFF

■ 003F89

■ 5887DC

■ 002A6F

■ 76A1F8

■ 001756

■ 93BCFF

■ 00063F

■ B0D8FF

■ 000328

■ CEF4FF

■ 000111

■ ECFFFF

■ 000000

■ 0156A4

■ 0156A4

■ 0056A4

■ 115EA4

■ 2266A4

■ 326EA4

■ 4375A4

■ 537DA4

■ 6385A4

■ 748DA4

■ 8495A4

■ 959DA4

Harmonies

Analogous

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



0061A1



0156A4



6A4592

Triad

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



0156A4



943924



00673B

Complementary

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



0156A4



A44F01

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.



2E6213



0156A4



7C4B00

Square

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



0156A4



9C2C49



5B5900



006864

Rectangle

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



0156A4



86387D



5B5900



00652E

Sweetspot

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



0156A4



96B7D6



01A44D



45596B



EBEBEB



6B6B6B

Same Dimension

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



0156A4



0070D6



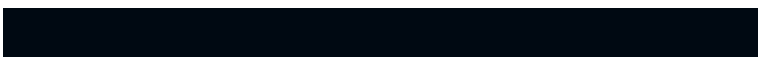
0106A4



494E52



004C91



000912

Inverse Universe

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



A40156



D60070



A49F01



52494E



91004C



120009

Previews

White Background



This preview shows how the Hex color 0156A4 looks on a white background.

Color Contrast Check

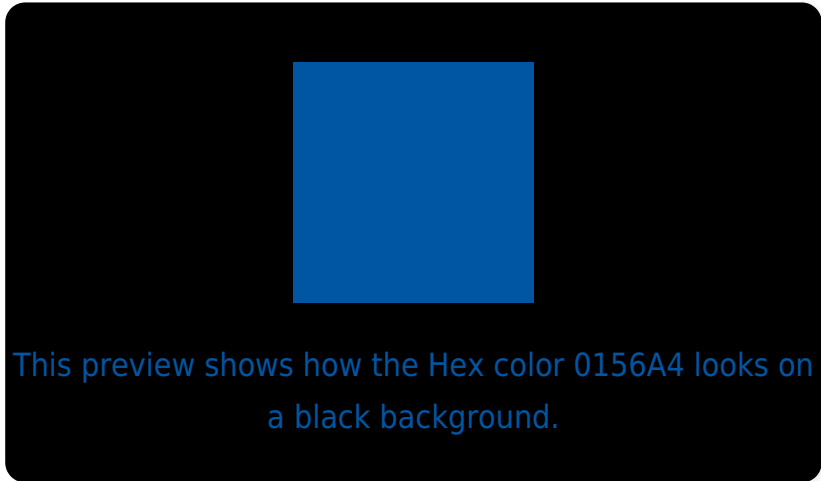
Large Text (above 18pt) WCAG AA ✓ Pass

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

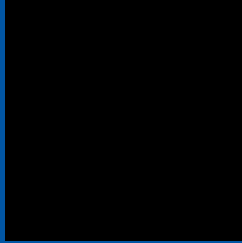
Any Text WCAG AA × Fail

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 0156A4 Background



This preview shows how black text looks on a background with the Hex color 0156A4.



This preview shows how white text looks on a background with the Hex color 0156A4.

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



Trichromacy



Original Color
0156A4

Protanomaly
1D55A2

Deuteranomaly
00579E

Tritanomaly
005C7D

Monochromacy



Original Color
0156A4

Achromatopsia
454545

Achromatomaly
2C4B68

CSS Examples

Text

The CSS property to change the color of the text to Hex 0156A4 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 #0156A4 looks like.

```
.text, #text, p{  
    color:#0156A4  
}
```

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 #0156A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0156A4
}
```

Border

The CSS property to change the border of an element to Hex 0156A4 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
#0156A4 }
```

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

```
.border{ border-color:#0156A4 }
```

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

Here you see how a box with a 4 pixel #0156A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0156A4; -webkit-box-shadow:4px 4px  
4px 4px #0156A4; box-shadow:4px 4px 4px  
4px #0156A4 }
```

Background

The CSS property to change the background color of an element to Hex 0156A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0156A4 }
```

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

```
.background{ background-color:#0156A4 }
```

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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