

Converting Colors

Hex(0064A6)

Have a look what the booklet for
Hex(0064A6) contains.

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Color

Hex(0064A6)

Conversions

Conversions Part 1

Format	Color
Hex	0064A6
RGB	0, 100, 166
RGB Percent	0%, 39%, 65%
CMY	1.0000, 0.6078, 0.3490
CMYK	1.00, 0.40, 0.00, 0.35
HSL	204°, 100%, 33%
HSV	204°, 100%, 65%
XYZ	11.4401, 11.8675, 37.7641
YIQ	77.6240, -80.7860, -0.6740

Conversions

Conversions Part 2

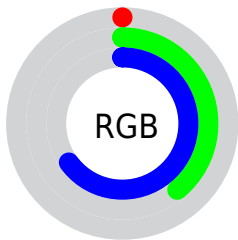
Format	Color
RYB	0, 62, 166
Decimal	25766
CIELab	41.00, 1.16, -42.24
CIELCh	41, 42.251, 271.572
Yxy	11.8675, 0.1873, 0.1943
Android (android.graphics.Color)	4278215846 (0xFF0064A6)
YUV	77.6240, 43.5694, -68.0762
Hunter-Lab	34.4493, -1.0089, -40.8806

Details

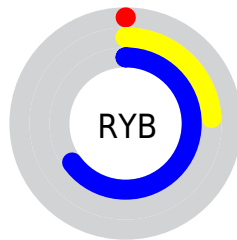
The Hex color **0064A6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A64200**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5896DE**, and **003671** is the 20% darker color. If you saturate the color by 10%, you get **0064A6**, and if you desaturate by 10%, it is **116BA6**.

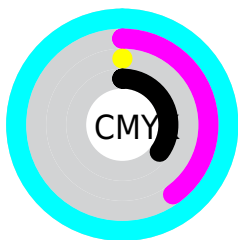
Distribution



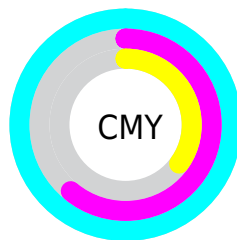
- Red (0%)
- Green (39%)
- Blue (65%)



- Red (0%)
- Yellow (24%)
- Blue (65%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0064A6 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 0064A6 by changing the saturation by 10% instead.

■ 0064A6

■ 0064A6

FFFFFF

■ 004C8B

■ 5896DE

■ 003671

■ 76B1FA

■ 002259

■ 93CCFF

■ 000941

■ B1E8FF

■ 00032A

■ CEFFFF

■ 000114

■ ECFFFF

■ 000000

■ 0064A6

■ 116BA6

■ 2171A6

■ 3278A6

■ 427EA6

■ 5385A6

■ 648CA6

■ 7492A6

■ 8599A6

■ 959FA6

Harmonies

Analogous

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



006D9D



0064A6



64579C

Triad

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



0064A6



9D463E



176F3E

Complementary

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



0064A6



A62000

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.



4E6921



0064A6



8D5323

Square

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



0064A6



9E4060



716015



007161

Rectangle

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



0064A6



814D8C



716015



306D33

Sweetspot

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



0064A6



98BFD9



00A640



465E6E



EDEDED



6E6E6E

Same Dimension

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



0064A6



0083D9



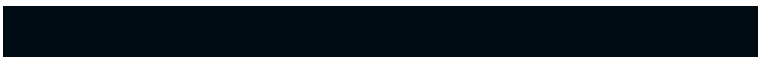
0013A6



4C5154



005994



000C14

Inverse Universe

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



A60064



D90083



A69300



544C51



940059



14000C

Previews

White Background



This preview shows how the Hex color 0064A6 looks on a white background.

Color Contrast Check

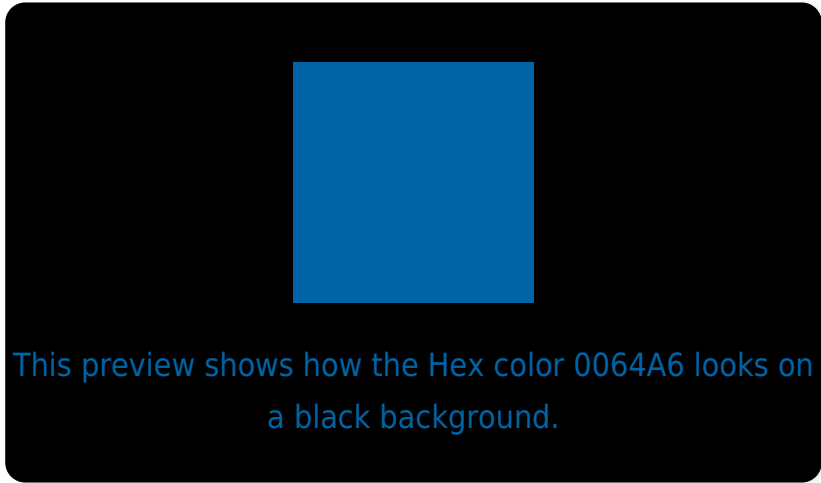
Large Text (above 18pt) WCAG AA ✓ Pass

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

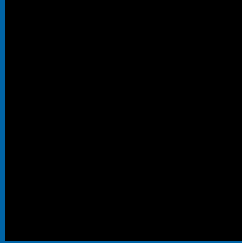
Any Text WCAG AA × Fail

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 0064A6 Background



This preview shows how black text looks on a background with the Hex color 0064A6.

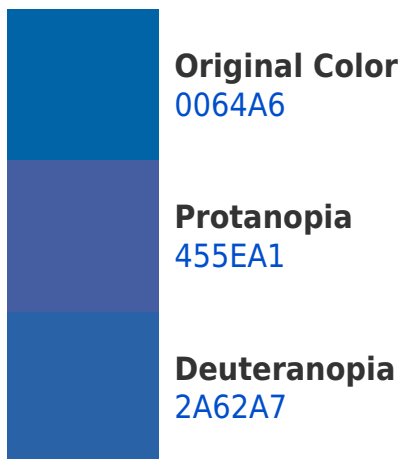


This preview shows how white text looks on a background with the Hex color 0064A6.

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
006B73

Trichromacy



Original Color
0064A6

Protanomaly
2C60A3

Deuteranomaly
1B63A7

Tritanomaly
006886

Monochromacy



Original Color
0064A6

Achromatopsia
4E4E4E

Achromatomaly
32566E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0064A6 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 #0064A6 looks like.

```
.text, #text, p{  
    color:#0064A6  
}
```

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 #0064A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0064A6
}
```

Border

The CSS property to change the border of an element to Hex 0064A6 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
#0064A6 }
```

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

```
.border{ border-color:#0064A6 }
```

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

Here you see how a box with a 4 pixel #0064A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0064A6; -webkit-box-shadow:4px 4px  
4px 4px #0064A6; box-shadow:4px 4px 4px  
4px #0064A6 }
```

Background

The CSS property to change the background color of an element to Hex 0064A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0064A6 }
```

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

```
.background{ background-color:#0064A6 }
```

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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