

Converting Colors

Hex(0064AF)

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

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Color

Hex(0064AF)

Conversions

Conversions Part 1

Format	Color
Hex	0064AF
RGB	0, 100, 175
RGB Percent	0%, 39%, 69%
CMY	1.0000, 0.6078, 0.3137
CMYK	1.00, 0.43, 0.00, 0.31
HSL	206°, 100%, 34%
HSV	206°, 100%, 69%
XYZ	12.2950, 12.2095, 42.2661
YIQ	78.6500, -83.6750, 2.1250

Conversions

Conversions Part 2

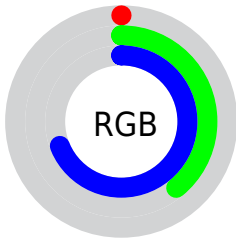
Format	Color
R_{YB}	0, 64, 175
Decimal	25775
CIE _{Lab}	41.55, 4.82, -46.68
CIE _{LCh}	42, 46.924, 275.900
Yxy	12.2095, 0.1841, 0.1829
Android (android.graphics.Color)	4278215855 (0xFF0064AF)
YUV	78.6500, 47.5006, -68.9760
Hunter-Lab	34.9421, 1.6600, -47.2580

Details

The Hex color **0064AF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AF4B00**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5A96E7**, and **00367A** is the 20% darker color. If you saturate the color by 10%, you get **0064AF**, and if you desaturate by 10%, it is **116CAF**.

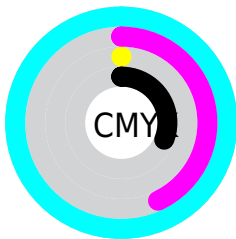
Distribution



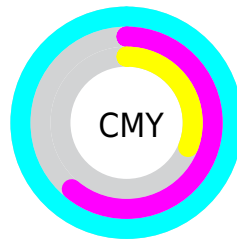
- Red (0%)
- Green (39%)
- Blue (69%)



- Red (0%)
- Yellow (25%)
- Blue (69%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (61%)
- Yellow (31%)

Brightness & Saturation Gradients

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

■ 0064AF

■ 0064AF

FFFFFF

■ 004C94

■ 5A96E7

■ 00367A

■ 79B1FF

■ 002260

■ 97CCFF

■ 000A48

■ B4E8FF

■ 000431

■ D2FFFF

■ 00011B

■ F0FFFF

■ 000000

■ 0064AF

■ 116CAF

■ 2373AF

■ 357BAF

■ 4682AF

■ 588AAF

■ 6991AF

■ 7A99AF

■ 8CA0AF

■ 9EA8AF

Harmonies

Analogous

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



006EA8



0064AF



6D54A1

Triad

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



0064AF



A34437



007241

Complementary

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



0064AF



AF4B00

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.



466C1D



0064AF



8E5418

Square

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



0064AF



A73C5C



6E6307



007469

Rectangle

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



0064AF



8B498E



6E6307



1C7134

Sweetspot

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



0064AF



9FC6E3



00AF49



496173



F2F2F2



737373

Same Dimension

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



0064AF



0082E3



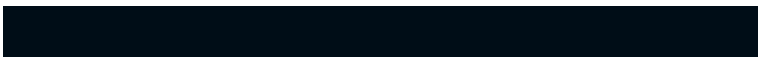
000FAF



4E5357



005696



000D17

Inverse Universe

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



AF0064



E30082



AFA000



574E53



960056



17000D

Previews

White Background



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

Color Contrast Check

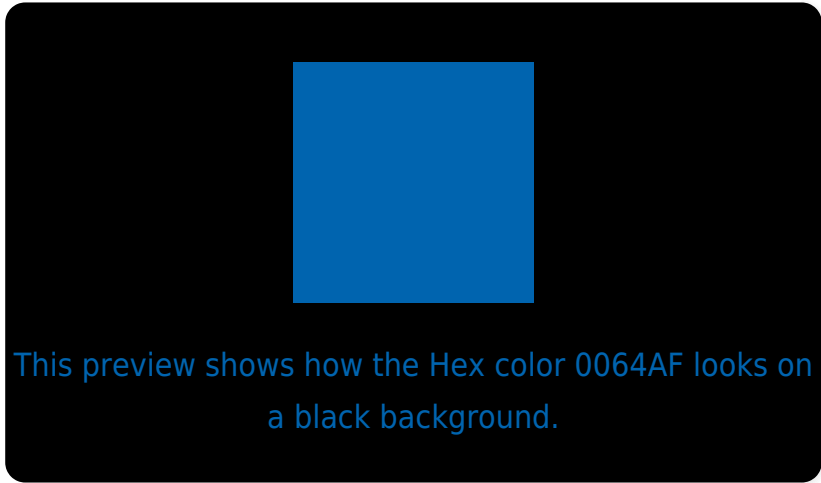
Large Text (above 18pt) WCAG AA ✓ Pass

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

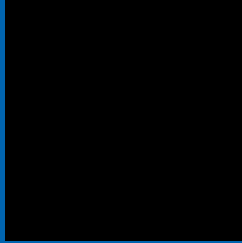
Any Text WCAG AA × Fail

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 0064AF Background



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

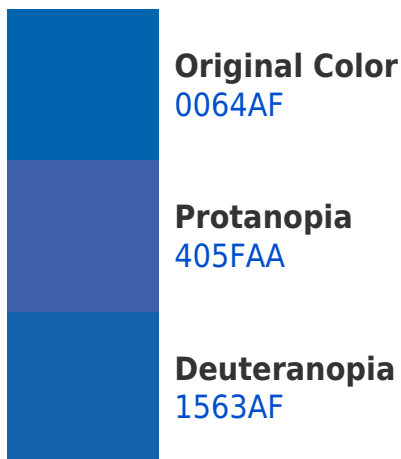


This preview shows how white text looks on a background with the Hex color 0064AF.

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](#).

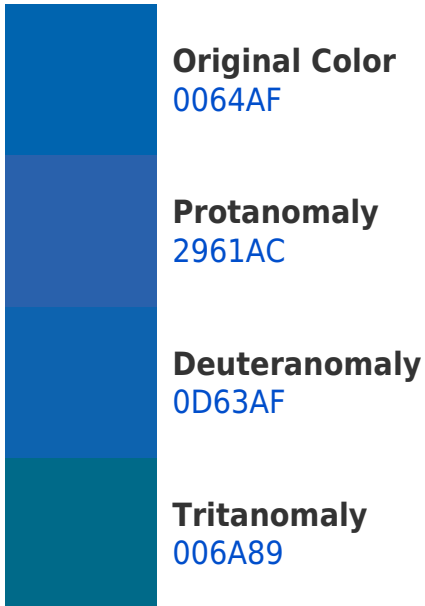
Dichromacy





Tritanopia
006D74

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0064AF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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