

Converting Colors

Hex(006AEC)

Have a look what the booklet for
Hex(006AEC) contains.

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Color

Hex(006AEC)

Conversions

Conversions Part 1

Format	Color
Hex	006AEC
RGB	0, 106, 236
RGB Percent	0%, 42%, 93%
CMY	1.0000, 0.5843, 0.0745
CMYK	1.00, 0.55, 0.00, 0.07
HSL	213°, 100%, 46%
HSV	213°, 100%, 93%
XYZ	20.2944, 16.3642, 81.4459
YIQ	89.1260, -104.9060, 17.9580

Conversions

Conversions Part 2

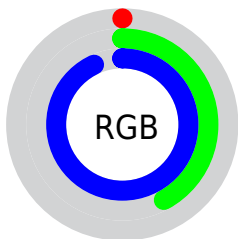
Format	Color
RYB	0, 73, 236
Decimal	27372
CIELab	47.45, 25.36, -72.16
CIElCh	47, 76.484, 289.365
Yxy	16.3642, 0.1718, 0.1386
Android (android.graphics.Color)	4278217452 (0xFF006AEC)
YUV	89.1260, 72.4089, -78.1635
Hunter-Lab	40.4527, 18.7579, -91.0553

Details

The Hex color **006AEC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EC8200**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6C9CFF**, and **003CB3** is the 20% darker color. If you saturate the color by 10%, you get **006AEC**, and if you desaturate by 10%, it is **1877EC**.

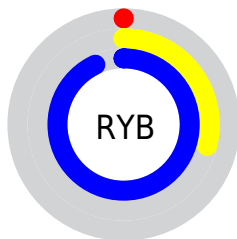
Distribution



Red (0%)

Green (42%)

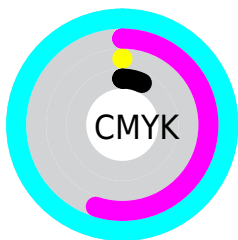
Blue (93%)



Red (0%)

Yellow (29%)

Blue (93%)

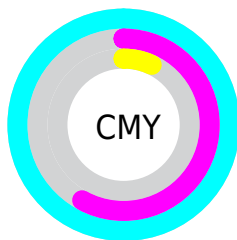


Cyan (100%)

Magenta (55%)

Yellow (0%)

Black (7%)



Cyan (100%)

Magenta (58%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006AEC 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 006AEC by changing the saturation by 10% instead.

 006AEC

 006AEC

FFFFFF

 0052CF

 6C9CFF

 003CB3

 8EB7FF

 002898

 AED3FF

 00177D

 CDEFFF

 000563

 EDFFFF

 00094A

 000432

 00021C

 000000

 006AEC

 1877EC

 2F84EC

 4791EC

 5E9EEC

 76ABEC

 8EB8EC

 A5C5EC

 BDD2EC

 D4DFEC

Harmonies

Analogous

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



007FF1



006AEC



A446C6

Triad

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



006AEC



C74501



008A57

Complementary

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



006AEC



EC8200

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.



008504



006AEC



9C6600

Square

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



006AEC



DD124B



627A00



008C9A

Rectangle

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



006AEC



CA259F



627A00



008940

Sweetspot

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



006AEC



B3D5FF



00EC82



526680



000000



808080

Same Dimension

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



006AEC



0073FF



0C00EC



6A6F75



0051B5



001836

Inverse Universe

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



EC006A



FF0073



E0EC00



756A6F



B50051



360018

Previews

White Background



This preview shows how the Hex color 006AEC looks on a white background.

Color Contrast Check

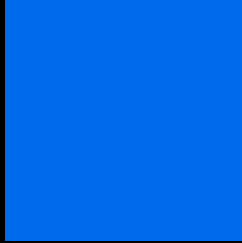
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 006AEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

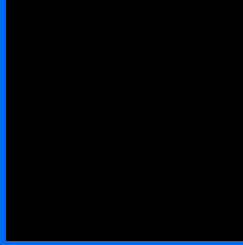
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

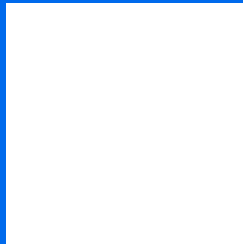
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 006AEC Background



This preview shows how black text looks on a background with the Hex color 006AEC.



This preview shows how white text looks on a background with the Hex color 006AEC.

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



Original Color
006AEC

Protanopia
006CE5

Deuteranopia
0073C5



Tritanopia
007C84

Trichromacy



Original Color
006AEC

Protanomaly
006BE8

Deuteranomaly
0070D3

Tritanomaly
0075AA

Monochromacy



Original Color
006AEC

Achromatopsia
595959

Achromatomaly
395F8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 006AEC 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 #006AEC looks like.

```
.text, #text, p{  
    color:#006AEC  
}
```

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 #006AEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006AEC
}
```

Border

The CSS property to change the border of an element to Hex 006AEC 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
#006AEC }
```

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

```
.border{ border-color:#006AEC }
```

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

Here you see how a box with a 4 pixel #006AEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006AEC; -webkit-box-shadow:4px 4px  
4px 4px #006AEC; box-shadow:4px 4px 4px  
4px #006AEC }
```

Background

The CSS property to change the background color of an element to Hex 006AEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006AEC }
```

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

```
.background{ background-color:#006AEC }
```

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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