

Converting Colors

Hex(007FA4)

Have a look what the booklet for
Hex(007FA4) contains.

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Color

Hex(007FA4)

Conversions

Conversions Part 1

Format	Color
Hex	007FA4
RGB	0, 127, 164
RGB Percent	0%, 50%, 64%
CMY	1.0000, 0.5020, 0.3569
CMYK	1.00, 0.23, 0.00, 0.36
HSL	194°, 100%, 32%
HSV	194°, 100%, 64%
XYZ	14.2902, 17.8591, 37.8159
YIQ	93.2450, -87.5690, -15.4170

Conversions

Conversions Part 2

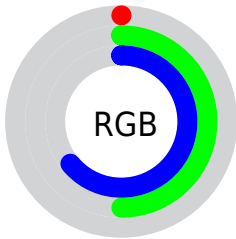
Format	Color
RYB	0, 72, 164
Decimal	32676
CIELab	49.32, -15.70, -27.95
CIELCh	49, 32.063, 240.678
Yxy	17.8591, 0.2042, 0.2553
Android (android.graphics.Color)	4278222756 (0xFF007FA4)
YUV	93.2450, 34.8822, -81.7759
Hunter-Lab	42.2600, -13.5953, -23.4730

Details

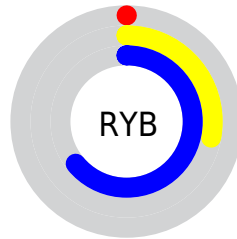
The Hex color **007FA4** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A42500**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **59B4DB**, and **004E70** is the 20% darker color. If you saturate the color by 10%, you get **007FA4**, and if you desaturate by 10%, it is **1083A4**.

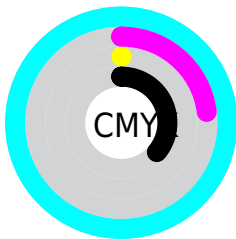
Distribution



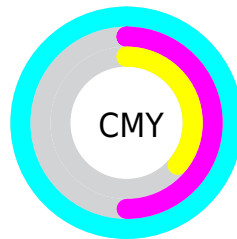
- Red (0%)
- Green (50%)
- Blue (64%)



- Red (0%)
- Yellow (28%)
- Blue (64%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007FA4 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 007FA4 by changing the saturation by 10% instead.

 007FA4

 007FA4

FFFFFF

 00668A

 59B4DB

 004E70

 77CFF8

 003757

 95ECFF

 002240

 B2FFFF

 00032A

 D0FFFF

 000114

 EEEFFF

 000000

 007FA4

 1083A4

■ 2186A4

■ 318AA4

■ 428EA4

■ 5292A4

■ 6295A4

■ 7399A4

■ 839DA4

■ 94A0A4

Harmonies

Analogous

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



008390



007FA4



4C78AB

Triad

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



007FA4



A86076



6A7C45

Complementary

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



007FA4



A42500

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.



86743E



007FA4



A8625B

Square

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



007FA4



986490



9C6A46



48815A

Rectangle

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



007FA4



6B71A8



9C6A46



747941

Sweetspot

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



007FA4



96C8D6



00A424



45626B



EBEBEB



6B6B6B

Same Dimension

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



007FA4



00A6D6



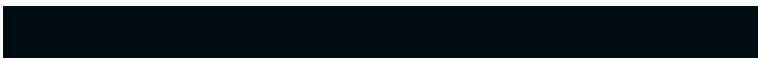
002EA4



495052



007191



000E12

Inverse Universe

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



A4007F



D600A6



A47600



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 007FA4 looks on a white background.

Color Contrast Check

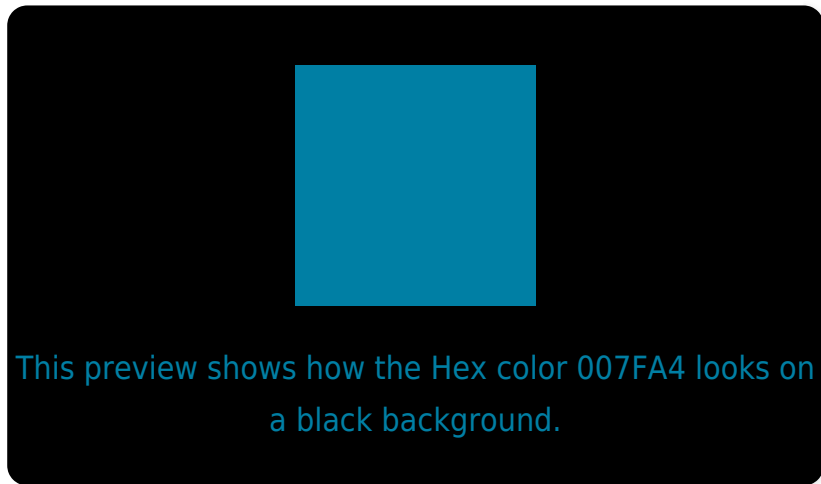
Large Text (above 18pt) WCAG AA ✓ Pass

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

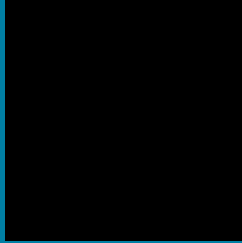
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 007FA4 Background



This preview shows how black text looks on a background with the Hex color 007FA4.

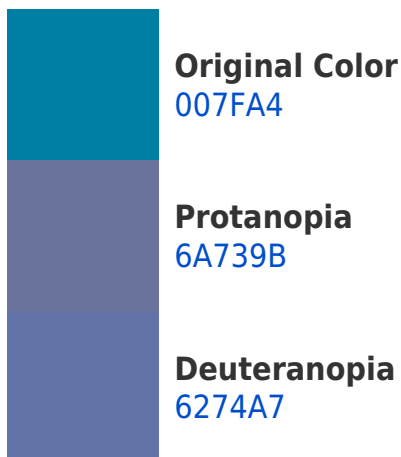


This preview shows how white text looks on a background with the Hex color 007FA4.

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
00828C

Trichromacy



Original Color
007FA4



Protanomaly
43779E



Deuteranomaly
3E78A6



Tritanomaly
008195

Monochromacy



Original Color
007FA4



Achromatopsia
5D5D5D



Achromatomaly
3B6977

CSS Examples

Text

The CSS property to change the color of the text to Hex 007FA4 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 #007FA4 looks like.

```
.text, #text, p{  
    color:#007FA4  
}
```

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 #007FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007FA4
}
```

Border

The CSS property to change the border of an element to Hex 007FA4 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
#007FA4 }
```

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

```
.border{ border-color:#007FA4 }
```

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

Here you see how a box with a 4 pixel #007FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007FA4; -webkit-box-shadow:4px 4px  
4px 4px #007FA4; box-shadow:4px 4px 4px  
4px #007FA4 }
```

Background

The CSS property to change the background color of an element to Hex 007FA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007FA4 }
```

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

```
.background{ background-color:#007FA4 }
```

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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