

Converting Colors

Hex(004DA6)

Have a look what the booklet for
Hex(004DA6) contains.

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Color

Hex(004DA6)

Conversions

Conversions Part 1

Format	Color
Hex	004DA6
RGB	0, 77, 166
RGB Percent	0%, 30%, 65%
CMY	1.0000, 0.6980, 0.3490
CMYK	1.00, 0.54, 0.00, 0.35
HSL	212°, 100%, 33%
HSV	212°, 100%, 65%
XYZ	9.5368, 8.0609, 37.1297
YIQ	64.1230, -74.4610, 11.3550

Conversions

Conversions Part 2

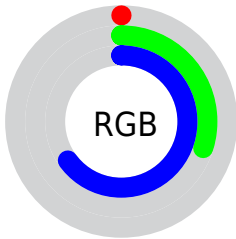
Format	Color
RYB	0, 53, 166
Decimal	19878
CIELab	34.11, 16.35, -53.33
CIELCh	34, 55.783, 287.045
Yxy	8.0609, 0.1743, 0.1473
Android (android.graphics.Color)	4278209958 (0xFF004DA6)
YUV	64.1230, 50.2254, -56.2359
Hunter-Lab	28.3918, 10.2726, -57.6629

Details

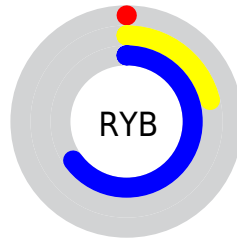
The Hex color **004DA6** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A65900**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **587DDE**, and **002271** is the 20% darker color. If you saturate the color by 10%, you get **004DA6**, and if you desaturate by 10%, it is **1156A6**.

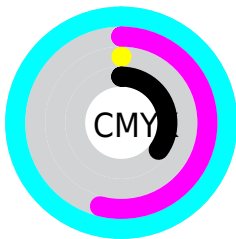
Distribution



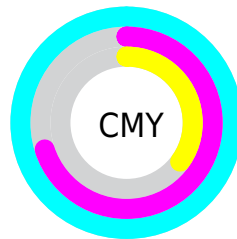
- Red (0%)
- Green (30%)
- Blue (65%)



- Red (0%)
- Yellow (21%)
- Blue (65%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004DA6 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 004DA6 by changing the saturation by 10% instead.

■ 004DA6

■ 004DA6

FFFFFF

■ 00378B

■ 587DDE

■ 002271

■ 7797FB

■ 000E58

■ 94B1FF

■ 000740

■ B2CDFF

■ 000329

■ CFE9FF

■ 000113

■ EDFFFF

■ 000000

■ 004DA6

■ 1156A6

■ 215FA6

■ 3268A6

■ 4271A6

■ 5379A6

■ 6482A6

■ 748BA6

■ 8594A6

■ 959DA6

Harmonies

Analogous

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



005BA7



004DA6



70368D

Triad

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



004DA6



8F310D



00623B

Complementary

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



004DA6



A65900

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.



035E07



004DA6



724700

Square

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



004DA6



9C1839



4B5600



006369

Rectangle

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



004DA6



8C2474



4B5600



00612B

Sweetspot

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



004DA6



98B6D9



00A659



46586E



EDEDED



6E6E6E

Same Dimension

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



004DA6



0065D9



0600A6



4C5054



004594



000914

Inverse Universe

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



A6004D



D90065



A0A600



544C50



940045



140009

Previews

White Background



This preview shows how the Hex color 004DA6 looks on a white background.

Color Contrast Check

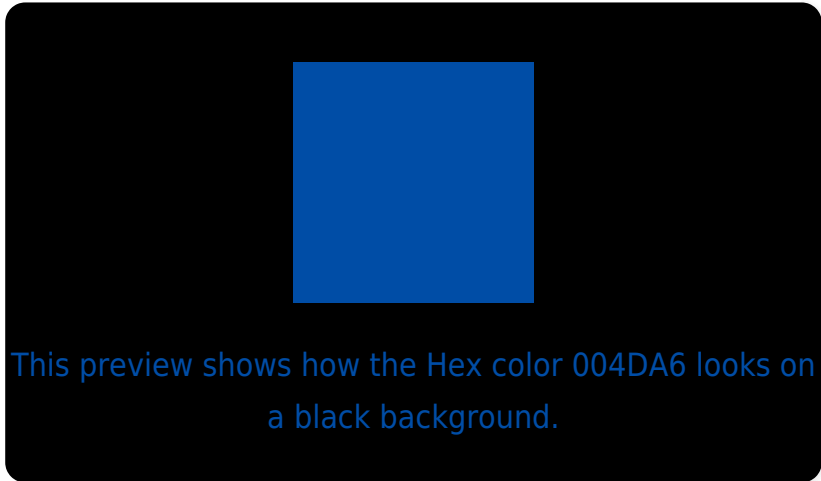
Large Text (above 18pt) WCAG AA ✓ Pass

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

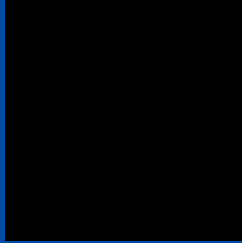
Any Text WCAG AA × Fail

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 004DA6 Background



This preview shows how black text looks on a background with the Hex color 004DA6.



This preview shows how white text looks on a background with the Hex color 004DA6.

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

004DA6

Protanopia

004DA5

Deuteranopia

00528E



Tritanopia
00595F

Trichromacy



Original Color
004DA6

Protanomaly
004DA5

Deuteranomaly
005097

Tritanomaly
005579

Monochromacy



Original Color
004DA6

Achromatopsia
404040

Achromatomaly
294565

CSS Examples

Text

The CSS property to change the color of the text to Hex 004DA6 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 #004DA6 looks like.

```
.text, #text, p{  
    color:#004DA6  
}
```

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 #004DA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004DA6
}
```

Border

The CSS property to change the border of an element to Hex 004DA6 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
#004DA6 }
```

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

```
.border{ border-color:#004DA6 }
```

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

Here you see how a box with a 4 pixel #004DA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004DA6; -webkit-box-shadow:4px 4px  
4px 4px #004DA6; box-shadow:4px 4px 4px  
4px #004DA6 }
```

Background

The CSS property to change the background color of an element to Hex 004DA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004DA6 }
```

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

```
.background{ background-color:#004DA6 }
```

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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