

Converting Colors

Hex(024699)

Have a look what the booklet for
Hex(024699) contains.

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Color

Hex(024699)

Conversions

Conversions Part 1

Format	Color
Hex	024699
RGB	2, 70, 153
RGB Percent	1%, 27%, 60%
CMY	0.9922, 0.7255, 0.4000
CMYK	0.99, 0.54, 0.00, 0.40
HSL	213°, 97%, 30%
HSV	213°, 99%, 60%
XYZ	7.9650, 6.6931, 31.0091
YIQ	59.1300, -67.1710, 11.3970

Conversions

Conversions Part 2

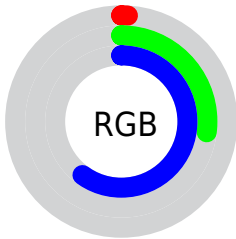
Format	Color
R _Y B	2, 49, 153
Decimal	149145
CIE Lab	31.10, 15.79, -50.38
CIE LCh	31, 52.799, 287.406
Yxy	6.6931, 0.1744, 0.1466
Android (android.graphics.Color)	4278339225 (0xFF024699)
YUV	59.1300, 46.2779, -50.1030
Hunter-Lab	25.8711, 9.6806, -52.9553

Details

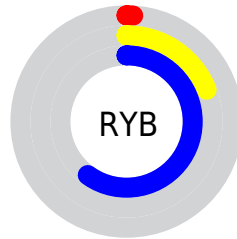
The Hex color **024699** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **995502**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5576D0**, and **001C65** is the 20% darker color. If you saturate the color by 10%, you get **004599**, and if you desaturate by 10%, it is **114E99**.

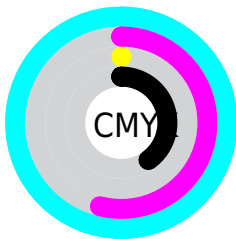
Distribution



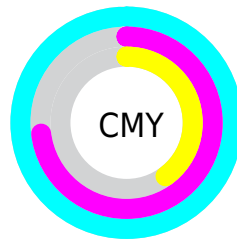
- Red (1%)
- Green (27%)
- Blue (60%)



- Red (1%)
- Yellow (19%)
- Blue (60%)



- Cyan (99%)
- Magenta (54%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024699 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 024699 by changing the saturation by 10% instead.

■ 024699

■ 024699

FFFFFF

■ 00307F

■ 5576D0

■ 001C65

■ 738FED

■ 00014D

■ 90A9FF

■ 000535

■ ADC4FF

■ 00021F

■ CAE0FF

■ 000001

■ E8FDFF

■ 000000

■ 024699

■ 024699

■ 004599

■ 114E99

■ 215799

■ 305F99

■ 3F6899

■ 4E7099

■ 5E7899

■ 6D8199

■ 7C8999

■ 8C9299

Harmonies

Analogous

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



00539B



024699



683182

Triad

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



024699



832D0A



005A36

Complementary

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



024699



995502

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.



005606



024699



684100

Square

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



024699



901533



444F00



005B61

Rectangle

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



024699



811F6A



444F00



005927

Sweetspot

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



024699



8BA6C7



029953



405063



E3E3E3



636363

Same Dimension

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



024699



005AC7



070299



45484D



003F8C



00060D

Inverse Universe

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



990246



C7005A



949902



4D4548



8C003F



0D0006

Previews

White Background



This preview shows how the Hex color 024699 looks on a white background.

Color Contrast Check

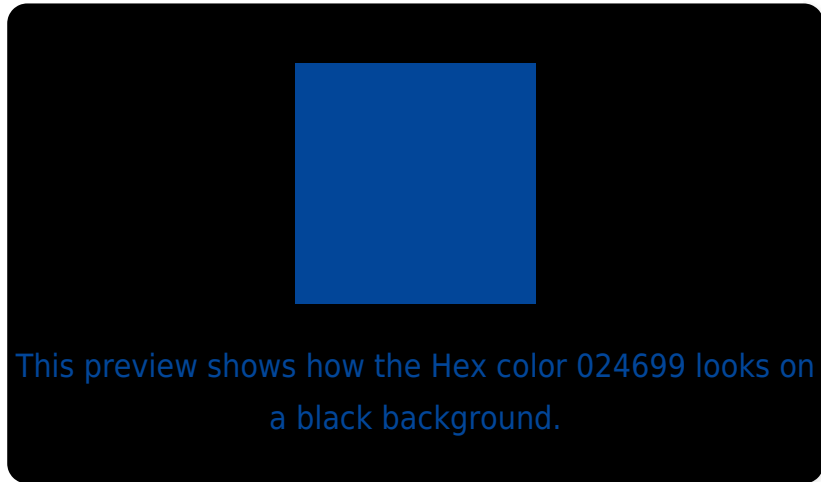
Large Text (above 18pt) WCAG AA ✓ Pass

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

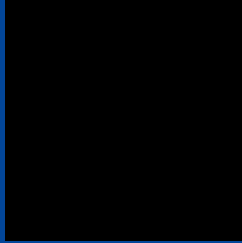
Any Text WCAG AA × Fail

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 024699 Background



This preview shows how black text looks on a background with the Hex color 024699.



This preview shows how white text looks on a background with the Hex color 024699.

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

024699

Protanopia

004796

Deuteranopia

004B82

Trichromacy



Original Color
024699

Protanomaly
014797

Deuteranomaly
01498A

Tritanomaly
014E6F

Monochromacy



Original Color
024699

Achromatopsia
3B3B3B

Achromatomaly
263F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 024699 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 #024699 looks like.

```
.text, #text, p{  
    color:#024699  
}
```

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 #024699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024699
}
```

Border

The CSS property to change the border of an element to Hex 024699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

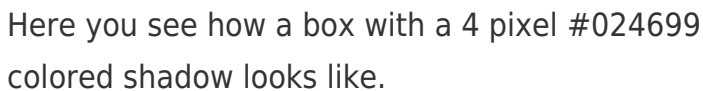
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#024699 }
```

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

```
.border{ border-color:#024699 }
```

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



Here you see how a box with a 4 pixel #024699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024699; -webkit-box-shadow:4px 4px  
4px 4px #024699; box-shadow:4px 4px 4px  
4px #024699 }
```

Background

The CSS property to change the background color of an element to Hex 024699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024699 }
```

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

```
.background{ background-color:#024699 }
```

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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