

Converting Colors

Hex(024197)

Have a look what the booklet for
Hex(024197) contains.

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Color

Hex(024197)

Conversions

Conversions Part 1

Format	Color
Hex	024197
RGB	2, 65, 151
RGB Percent	1%, 25%, 59%
CMY	0.9922, 0.7451, 0.4078
CMYK	0.99, 0.57, 0.00, 0.41
HSL	215°, 97%, 30%
HSV	215°, 99%, 59%
XYZ	7.5012, 6.0279, 30.0463
YIQ	55.9670, -65.1540, 13.3900

Conversions

Conversions Part 2

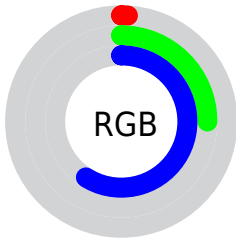
Format	Color
RYB	2, 46, 151
Decimal	147863
CIELab	29.48, 18.42, -51.79
CIELCh	29, 54.970, 289.584
Yxy	6.0279, 0.1721, 0.1383
Android (android.graphics.Color)	4278337943 (0xFF024197)
YUV	55.9670, 46.8513, -47.3291
Hunter-Lab	24.5517, 11.5713, -55.3727

Details

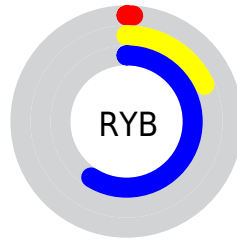
The Hex color **024197** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **975802**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5570CE**, and **001863** is the 20% darker color. If you saturate the color by 10%, you get **004097**, and if you desaturate by 10%, it is **114A97**.

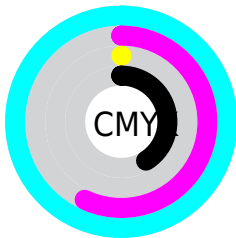
Distribution



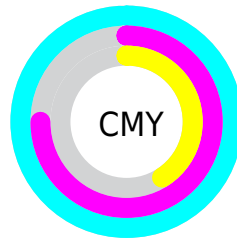
- Red (1%)
- Green (25%)
- Blue (59%)



- Red (1%)
- Yellow (18%)
- Blue (59%)



- Cyan (99%)
- Magenta (57%)
- Yellow (0%)
- Black (41%)



- Cyan (99%)
- Magenta (75%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024197 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 024197 by changing the saturation by 10% instead.

■ 024197

■ 024197

FFFFFF

■ 002C7D

■ 5570CE

■ 001863

■ 7289EB

■ 00004B

■ 8FA3FF

■ 000433

■ ACBEFF

■ 00021D

■ CADAFF

■ 000000

■ E7F7FF

■ 024197

■ 024197

■ 004097

■ 114A97

■ 205297

■ 2F5B97

■ 3E6497

■ 4D6D97

■ 5D7597

■ 6C7E97

■ 7B8797

■ 8A8F97

Harmonies

Analogous

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



004F9A



024197



68297E

Triad

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



024197



7F2900



005635

Complementary

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



024197



975802

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.



005302



024197



623E00

Square

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



024197



8D072C



3C4C00



005761

Rectangle

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



024197



811364



3C4C00



005625

Sweetspot

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



024197



89A2C4



029756



404F63



E3E3E3



636363

Same Dimension

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



024197



0053C4



0C0297



45484D



003B8C



00050D

Inverse Universe

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



970241



C40053



8D9702



4D4548



8C003B



0D0005

Previews

White Background



This preview shows how the Hex color 024197 looks on a white background.

Color Contrast Check

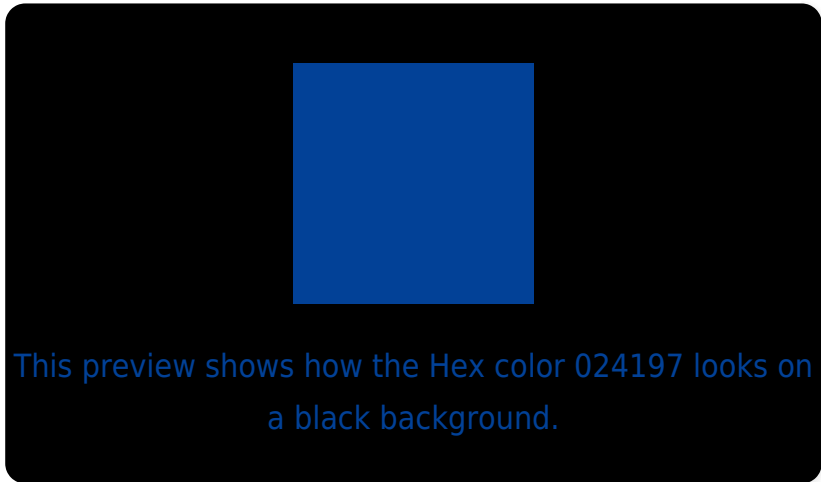
Large Text (above 18pt) WCAG AA ✓ Pass

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

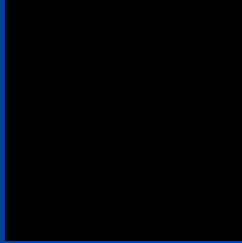
Any Text WCAG AA × Fail

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 024197 Background



This preview shows how black text looks on a background with the Hex color 024197.



This preview shows how white text looks on a background with the Hex color 024197.

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


024197

Protanopia

00438F

Deuteranopia

00487B



Tritanopia
004E52

Trichromacy



Original Color
024197

Protanomaly
014292

Deuteranomaly
014585

Tritanomaly
01496B

Monochromacy



Original Color
024197

Achromatopsia
383838

Achromatomaly
243B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 024197 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 #024197 looks like.

```
.text, #text, p{  
    color:#024197  
}
```

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 #024197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024197
}
```

Border

The CSS property to change the border of an element to Hex 024197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

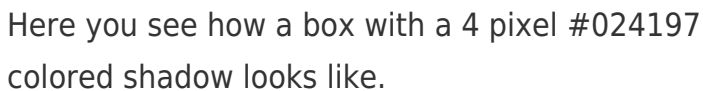
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#024197 }
```

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

```
.border{ border-color:#024197 }
```

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



Here you see how a box with a 4 pixel #024197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024197; -webkit-box-shadow:4px 4px  
4px 4px #024197; box-shadow:4px 4px 4px  
4px #024197 }
```

Background

The CSS property to change the background color of an element to Hex 024197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024197 }
```

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

```
.background{ background-color:#024197 }
```

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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