

Converting Colors

Hex(014090)

Have a look what the booklet for
Hex(014090) contains.

Hex(014090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(014090)

Conversions

Conversions Part 1

Format	Color
Hex	014090
RGB	1, 64, 144
RGB Percent	0%, 25%, 56%
CMY	0.9961, 0.7490, 0.4353
CMYK	0.99, 0.56, 0.00, 0.44
HSL	214°, 99%, 28%
HSV	214°, 99%, 56%
XYZ	6.8800, 5.6869, 27.1206
YIQ	54.2830, -63.2280, 11.5240

Conversions

Conversions Part 2

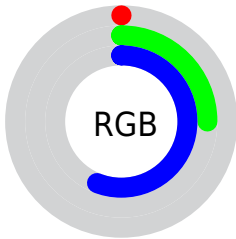
Format	Color
R_YB	1, 45, 144
Decimal	82064
CIE Lab	28.61, 16.10, -48.93
CIE LCh	29, 51.508, 288.216
Yxy	5.6869, 0.1734, 0.1433
Android (android.graphics.Color)	4278272144 (0xFF014090)
YUV	54.2830, 44.2305, -46.7292
Hunter-Lab	23.8471, 9.7652, -50.7357

Details

The Hex color **014090** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **905101**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **526FC7**, and **00175D** is the 20% darker color. If you saturate the color by 10%, you get **003F90**, and if you desaturate by 10%, it is **0F4890**.

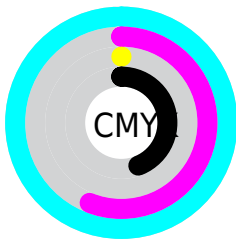
Distribution



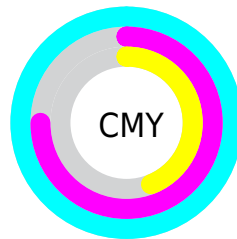
- Red (0%)
- Green (25%)
- Blue (56%)



- Red (0%)
- Yellow (18%)
- Blue (56%)



- Cyan (99%)
- Magenta (56%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (75%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014090 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 014090 by changing the saturation by 10% instead.

■ 014090

■ 014090

FFFFFF

■ 002B76

■ 526FC7

■ 00175D

■ 6F88E3

■ 000045

■ 8CA2FF

■ 00032D

■ A9BDFF

■ 000118

■ C6D9FF

■ 000000

■ E3F5FF

■ 014090

■ 014090

■ 003F90

■ 0F4890

■ 1E5090

■ 2C5890

■ 3B6090

■ 496890

■ 577090

■ 667890

■ 748090

■ 838990

Harmonies

Analogous

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



004D92



014090



622B79

Triad

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



014090



7A2805



005332

Complementary

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



014090



905101

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.



005003



014090



603C00

Square

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



014090



870E2D



3D4900



00545B

Rectangle

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



014090



7A1962



3D4900



005324

Sweetspot

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



014090



829BBA



019050



3C4B5E



DEDEDE



5E5E5E

Same Dimension

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



014090



0052BA



080190



404347



003C87



000308

Inverse Universe

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



900140



BA0052



899001



474043



87003C



080003

Previews

White Background



This preview shows how the Hex color 014090 looks on a white background.

Color Contrast Check

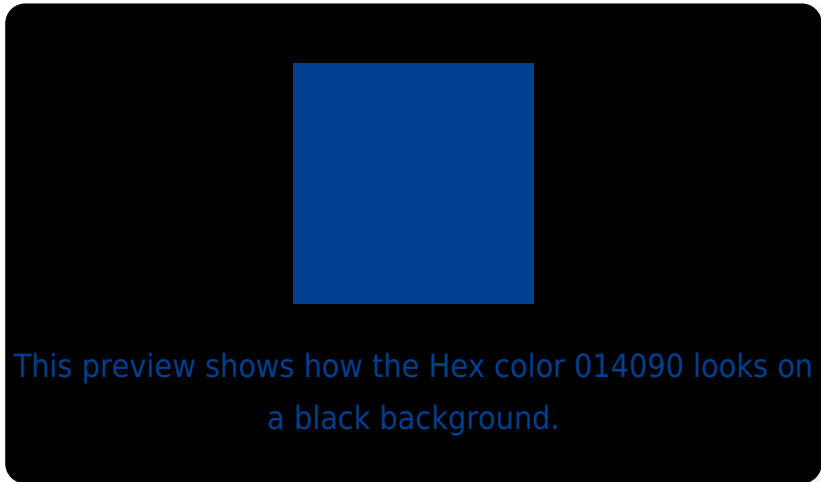
Large Text (above 18pt) WCAG AA ✓ Pass

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

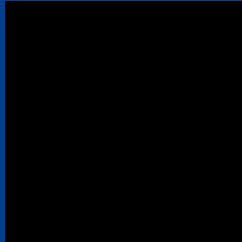
Any Text WCAG AA × Fail

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 014090 Background



This preview shows how black text looks on a background with the Hex color 014090.



This preview shows how white text looks on a background with the Hex color 014090.

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

014090

Protanopia

00418B

Deuteranopia

004678



Tritanopia
004B50

Trichromacy



Original Color
014090

Protanomaly
00418D

Deuteranomaly
004481

Tritanomaly
004767

Monochromacy



Original Color
014090

Achromatopsia
363636

Achromatomaly
233A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 014090 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 #014090 looks like.

```
.text, #text, p{  
    color:#014090  
}
```

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 #014090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014090
}
```

Border

The CSS property to change the border of an element to Hex 014090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

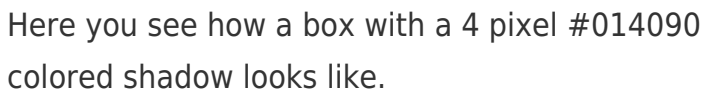
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#014090 }
```

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

```
.border{ border-color:#014090 }
```

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



Here you see how a box with a 4 pixel #014090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014090; -webkit-box-shadow:4px 4px  
4px 4px #014090; box-shadow:4px 4px 4px  
4px #014090 }
```

Background

The CSS property to change the background color of an element to Hex 014090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014090 }
```

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

```
.background{ background-color:#014090 }
```

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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