

Converting Colors

Hex(02014A)

Have a look what the booklet for
Hex(02014A) contains.

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Color

Hex(02014A)

Conversions

Conversions Part 1

Format	Color
Hex	02014A
RGB	2, 1, 74
RGB Percent	1%, 0%, 29%
CMY	0.9922, 0.9961, 0.7098
CMYK	0.97, 0.99, 0.00, 0.71
HSL	241°, 97%, 15%
HSV	241°, 99%, 29%
XYZ	1.2719, 0.5290, 6.5136
YIQ	9.6210, -22.8370, 22.9150

Conversions

Conversions Part 2

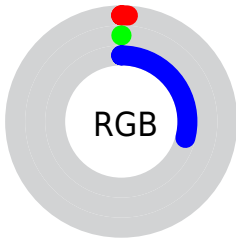
Format	Color
RYB	2, 1, 74
Decimal	131402
CIELab	4.78, 29.14, -42.39
CIELCh	5, 51.446, 304.506
Yxy	0.5290, 0.1530, 0.0636
Android (android.graphics.Color)	4278321482 (0xFF02014A)
YUV	9.6210, 31.7388, -6.6836
Hunter-Lab	7.2734, 18.4862, -48.0052

Details

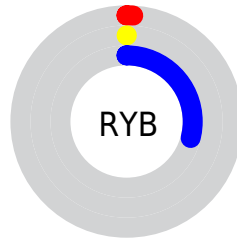
The Hex color **02014A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **494A01**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3E2D7C**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **01004A**, and if you desaturate by 10%, it is **09084A**.

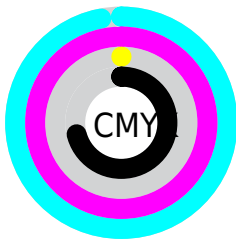
Distribution



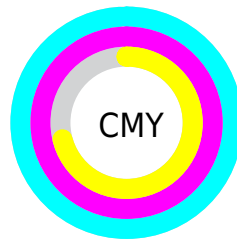
- Red (1%)
- Green (0%)
- Blue (29%)



- Red (1%)
- Yellow (0%)
- Blue (29%)



- Cyan (97%)
- Magenta (99%)
- Yellow (0%)
- Black (71%)



- Cyan (99%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02014A 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 02014A by changing the saturation by 10% instead.

■ 02014A

■ 02014A

■ FFE0FF

■ 000033

■ 3E2D7C

■ 00021D

■ 584496

■ 000000

■ 735CB1

■ 8E74CD

■ A98EE9

■ C5A9FF

■ E2C4FF

■ 02014A

■ 02014A

■ 01004A

■ 09084A

■ 11104A

■ 18174A

■ 1F1F4A

■ 26264A

■ 2E2D4A

■ 35354A

■ 3C3C4A

■ 44444A

Harmonies

Analogous

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



001657



02014A



39002F

Triad

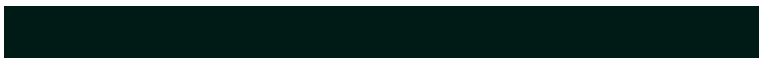
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



02014A



2D0000



001A16

Complementary

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



02014A



494A01

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.



001900



02014A



0F1200

Square

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



02014A



3E0000



001900



001C37

Rectangle

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



02014A



430019



001900



001905

Sweetspot

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



02014A



444461



014A4A



1F1F30



B0B0B0



303030

Same Dimension

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



02014A



010061



26014A



222226



010066



0300E6

Inverse Universe

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



4A0149



610060



264A01



262226



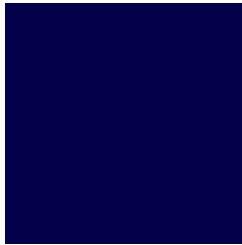
660065



E600E2

Previews

White Background



This preview shows how the Hex color 02014A looks on a white background.

Color Contrast Check

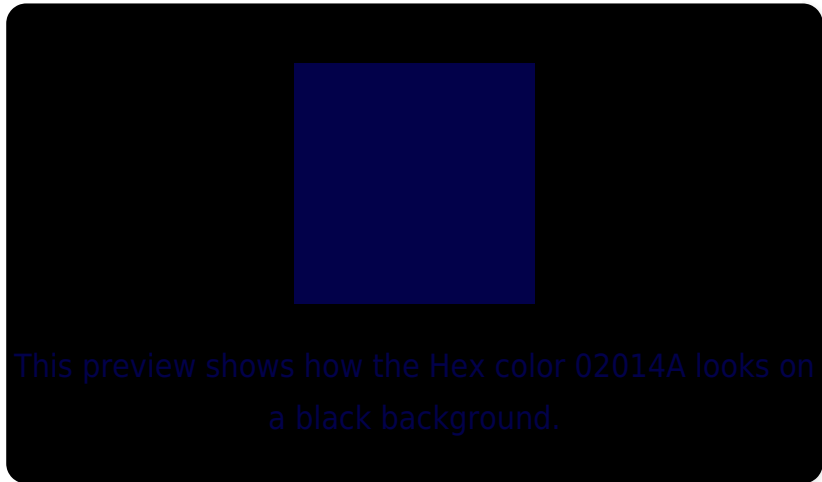
Large Text (above 18pt) WCAG AA ✓ Pass

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

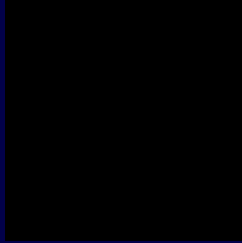
Any Text WCAG AA × Fail

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 02014A Background



This preview shows how black text looks on a background with the Hex color 02014A.



This preview shows how white text looks on a background with the Hex color 02014A.

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
02014A

Protanopia
00162D

Deuteranopia
001726



Tritanopia
00191A

Trichromacy



Original Color

02014A

Protanomaly

010E38

Deuteranomaly

010F33

Tritanomaly

01102B

Monochromacy



Original Color

02014A

Achromatopsia

0A0A0A

Achromatomaly

070721

CSS Examples

Text

The CSS property to change the color of the text to Hex 02014A 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 #02014A looks like.

```
.text, #text, p{  
    color:#02014A  
}
```

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 #02014A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02014A
}
```

Border

The CSS property to change the border of an element to Hex 02014A 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
#02014A }
```

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

```
.border{ border-color:#02014A }
```

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

Here you see how a box with a 4 pixel #02014A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02014A; -webkit-box-shadow:4px 4px  
4px 4px #02014A; box-shadow:4px 4px 4px  
4px #02014A }
```

Background

The CSS property to change the background color of an element to Hex 02014A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02014A }
```

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

```
.background{ background-color:#02014A }
```

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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