

Converting Colors

Hex(024300)

Have a look what the booklet for
Hex(024300) contains.

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Color

Hex(024300)

Conversions

Conversions Part 1

Format	Color
Hex	024300
RGB	2, 67, 0
RGB Percent	1%, 26%, 0%
CMY	0.9922, 0.7373, 1.0000
CMYK	0.97, 0.00, 1.00, 0.74
HSL	118°, 100%, 13%
HSV	118°, 100%, 26%
XYZ	2.0322, 4.0272, 0.6702
YIQ	39.9270, -17.2330, -34.6170

Conversions

Conversions Part 2

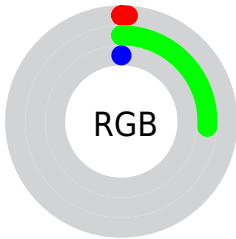
Format	Color
RYB	0, 67, 65
Decimal	148224
CIELab	23.76, -32.61, 31.38
CIELCh	24, 45.256, 136.100
Yxy	4.0272, 0.3020, 0.5984
Android (android.graphics.Color)	4278338304 (0xFF024300)
YUV	39.9270, -19.6840, -33.2620
Hunter-Lab	20.0679, -17.0430, 12.0674

Details

The Hex color **024300** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **410043**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3C7430**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **024300**, and if you desaturate by 10%, it is **094307**.

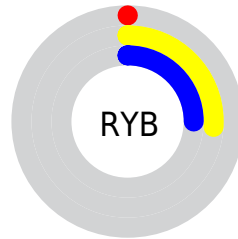
Distribution



Red (1%)

Green (26%)

Blue (0%)



Red (0%)

Yellow (26%)

Blue (25%)

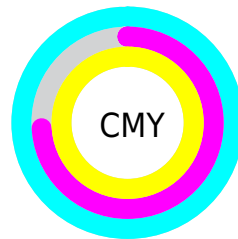


Cyan (97%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (99%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024300 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 024300 by changing the saturation by 10% instead.

 024300

 024300

 FBFFE7

 002C00

 3C7430

 001600

 568E48

 000000

 70A961

 8AC47A

 A6E094

 C2FDAF

 DEFFCB

 024300

■ 094307

■ 0F430D

■ 164314

■ 1C431B

■ 234322

■ 294328

■ 30432F

■ 364336

■ 3D433C

Harmonies

Analogous

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



363D00



024300



004627

Triad

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



024300



00417B



730B28

Complementary

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



024300



410043

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.



6C0F4A



024300



00377B

Square

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



024300



004669



502568



692005

Rectangle

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



024300



00473F



502568



730833

Sweetspot

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



024300



3D573D



434100



1C2B1C



ABABAB



2B2B2B

Same Dimension

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



024300



035700



00431F



1E211E



036100



07E000

Inverse Universe

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



410043



540057



430024



211E21



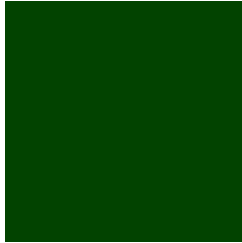
5E0061



DA00E0

Previews

White Background



This preview shows how the Hex color 024300 looks on a white background.

Color Contrast Check

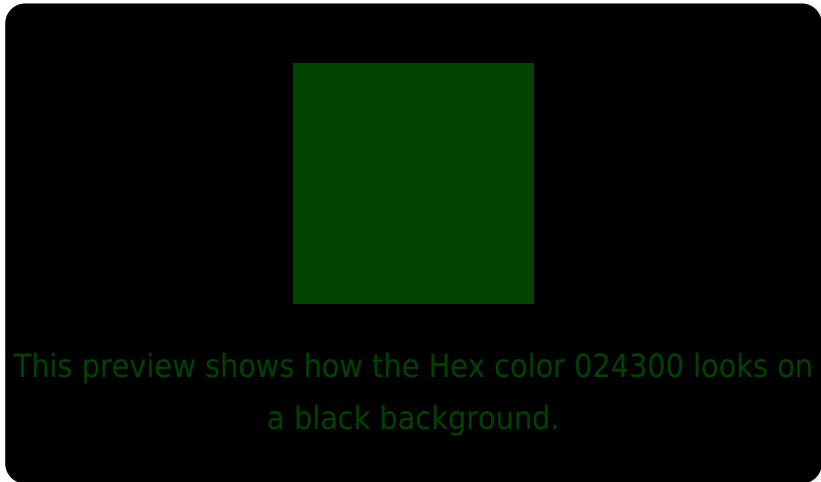
Large Text (above 18pt) WCAG AA ✓ Pass

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

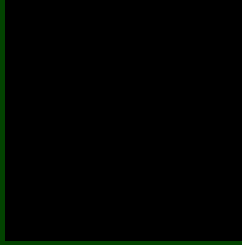
Any Text WCAG AA × Fail

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 024300 Background



This preview shows how black text looks on a background with the Hex color 024300.



This preview shows how white text looks on a background with the Hex color 024300.

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
024300

Protanopia
413900

Deuteranopia
48360F



Tritanopia
1C3E43

Trichromacy



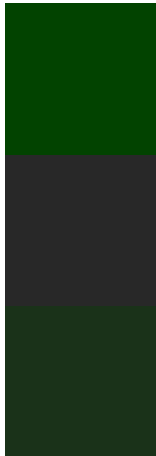
Original Color
024300

Protanomaly
2A3D00

Deuteranomaly
2F3B0A

Tritanomaly
13402B

Monochromacy



Original Color
024300

Achromatopsia
282828

Achromatomaly
1A3219

CSS Examples

Text

The CSS property to change the color of the text to Hex 024300 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 #024300 looks like.

```
.text, #text, p{  
    color:#024300  
}
```

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 #024300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024300
}
```

Border

The CSS property to change the border of an element to Hex 024300 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
#024300 }
```

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

```
.border{ border-color:#024300 }
```

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

Here you see how a box with a 4 pixel #024300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024300; -webkit-box-shadow:4px 4px  
4px 4px #024300; box-shadow:4px 4px 4px  
4px #024300 }
```

Background

The CSS property to change the background color of an element to Hex 024300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024300 }
```

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

```
.background{ background-color:#024300 }
```

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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