

# Converting Colors

Hex(024961)

Have a look what the booklet for  
Hex(024961) contains.

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# Color

**Hex(024961)**

# Conversions

## Conversions Part 1

Format	Color
Hex	024961
RGB	2, 73, 97
RGB Percent	1%, 29%, 38%
CMY	0.9922, 0.7137, 0.6196
CMYK	0.98, 0.25, 0.00, 0.62
HSL	195°, 96%, 19%
HSV	195°, 98%, 38%
XYZ	4.5652, 5.6411, 12.1575
YIQ	54.5070, -50.0200, -7.5880

# Conversions

## Conversions Part 2

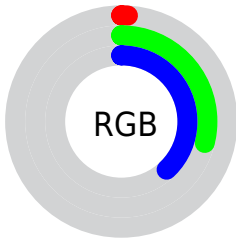
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 43, 97
Decimal	149857
CIE <sub>Lab</sub>	28.49, -10.01, -19.60
CIE <sub>LCh</sub>	28, 22.010, 242.955
Yxy	5.6411, 0.2041, 0.2522
Android (android.graphics.Color)	4278339937 (0xFF024961)
YUV	54.5070, 20.9490, -46.0486
Hunter-Lab	23.7509, -7.2540, -13.7234

# Details

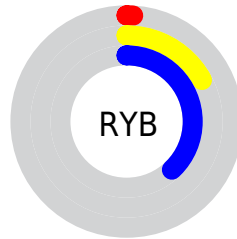
The Hex color **024961** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **611A02**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **447A94**, and **001E32** is the 20% darker color. If you saturate the color by 10%, you get **004861**, and if you desaturate by 10%, it is **0C4B61**.

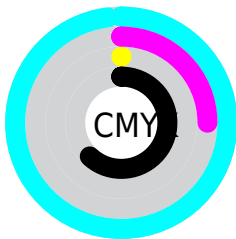
# Distribution



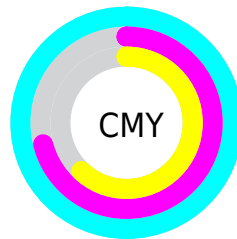
- Red (1%)
- Green (29%)
- Blue (38%)



- Red (1%)
- Yellow (17%)
- Blue (38%)



- Cyan (98%)
- Magenta (25%)
- Yellow (0%)
- Black (62%)



- Cyan (99%)
- Magenta (71%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 024961 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 024961 by changing the saturation by 10% instead.



024961

024961

FFFFFF

003249

447A94

001E32

5F93AE

00021E

7AAECA

000000

95C9E6

B1E5FF

CDFFFF

EAffff

024961

024961

■ 004861

■ 0C4B61

■ 154E61

■ 1F5061

■ 295361

■ 325561

■ 3C5861

■ 465A61

■ 505D61

■ 595F61

# Harmonies

## Analogous

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



004C55



024961



2C4465

# Triad

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



024961



633642



3B4826

# Complementary

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



024961



611A02

# 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.



4C4321



024961



633832

# Square

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



024961



5A3853



5A3D25



254B33

# Rectangle

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



024961



3F4062



5A3D25



414623



# Sweetspot

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



024961



59747D



02611A



293A40



BFBFBF



404040



# Same Dimension

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



024961



005D7D



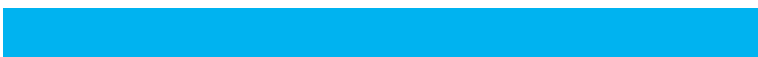
021A61



2C2F30



005470



00B3F0



# Inverse Universe

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



610249



7D005D



614902



302C2F



700054



F000B3



# Previews

## White Background



This preview shows how the Hex color 024961 looks on a white background.

## Color Contrast Check

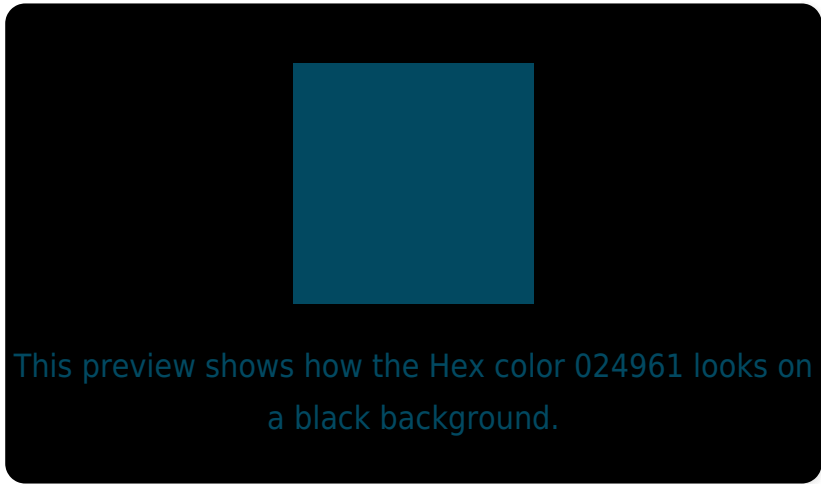
Large Text (above 18pt) WCAG AA ✓ Pass

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

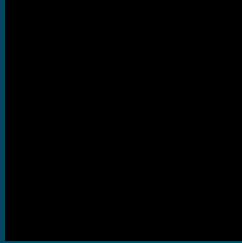
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

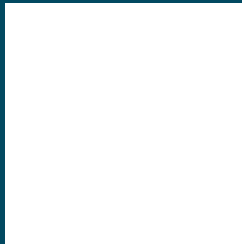
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 024961 Background



This preview shows how black text looks on a background with the Hex color 024961.

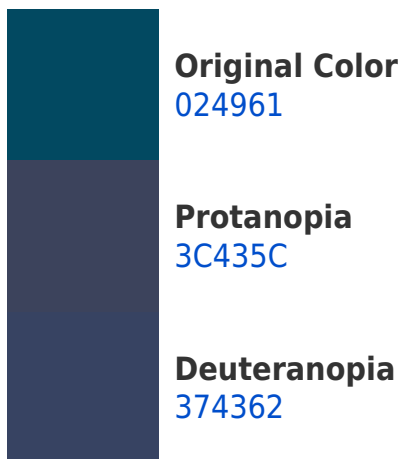


This preview shows how white text looks on a background with the Hex color 024961.

# 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](#).

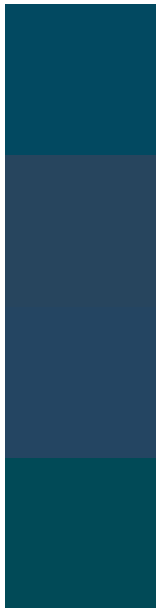
## Dichromacy





**Tritanopia**  
004B51

# Trichromacy



**Original Color**  
024961

**Protanomaly**  
27455E

**Deuteranomaly**  
244562

**Tritanomaly**  
014A57

# Monochromacy



**Original Color**  
024961

**Achromatopsia**  
373737

**Achromatomaly**  
243E46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 024961 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 #024961 looks like.

```
.text, #text, p{  
    color:#024961  
}
```

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 #024961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024961
}
```

## Border

The CSS property to change the border of an element to Hex 024961 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
#024961 }
```

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

```
.border{ border-color:#024961 }
```

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

Here you see how a box with a 4 pixel #024961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024961; -webkit-box-shadow:4px 4px  
4px 4px #024961; box-shadow:4px 4px 4px  
4px #024961 }
```

# Background

The CSS property to change the background color of an element to Hex 024961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024961 }
```

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

```
.background{ background-color:#024961 }
```

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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