

Converting Colors

Hex(024A5F)

Have a look what the booklet for
Hex(024A5F) contains.

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Color

Hex(024A5F)

Conversions

Conversions Part 1

Format	Color
Hex	024A5F
RGB	2, 74, 95
RGB Percent	1%, 29%, 37%
CMY	0.9922, 0.7098, 0.6275
CMYK	0.98, 0.22, 0.00, 0.63
HSL	194°, 96%, 19%
HSV	194°, 98%, 37%
XYZ	4.5394, 5.7367, 11.6945
YIQ	54.8660, -49.6530, -8.7330

Conversions

Conversions Part 2

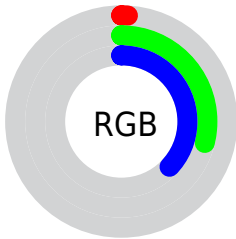
Format	Color
R _Y B	2, 43, 95
Decimal	150111
CIE Lab	28.74, -11.43, -17.93
CIE LCh	29, 21.266, 237.491
Yxy	5.7367, 0.2066, 0.2611
Android (android.graphics.Color)	4278340191 (0xFF024A5F)
YUV	54.8660, 19.7861, -46.3635
Hunter-Lab	23.9514, -8.0848, -12.1830

Details

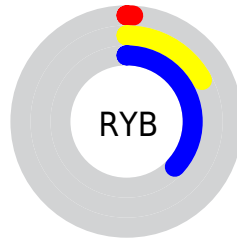
The Hex color **024A5F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5F1702**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **447B92**, and **001E31** is the 20% darker color. If you saturate the color by 10%, you get **004A5F**, and if you desaturate by 10%, it is **0B4C5F**.

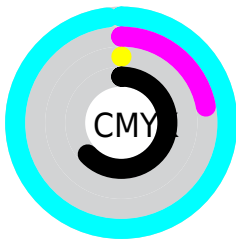
Distribution



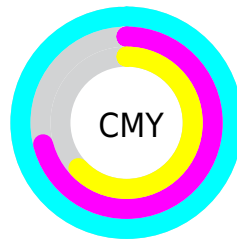
- Red (1%)
- Green (29%)
- Blue (37%)



- Red (1%)
- Yellow (17%)
- Blue (37%)



- Cyan (98%)
- Magenta (22%)
- Yellow (0%)
- Black (63%)



- Cyan (99%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024A5F 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 024A5F by changing the saturation by 10% instead.



024A5F



024A5F

FFFFFF



003347



447B92



001E31



5F95AC



00021C



79AFC7



000000



95CBE4



B1E7FF



CDFFFF



EAffff



024A5F



024A5F

■ 004A5F

■ 0B4C5F

■ 154E5F

■ 1E505F

■ 28535F

■ 31555F

■ 3B575F

■ 45595F

■ 4E5B5F

■ 575D5F

Harmonies

Analogous

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



004C52



024A5F



284664

Triad

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



024A5F



623746



3F4726

Complementary

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



024A5F



5F1702

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.



504223



024A5F



633835

Square

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



024A5F



573A56



5C3D29



2B4B32

Rectangle

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



024A5F



3B4263



5C3D29



454624

Sweetspot

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



024A5F



57727A



025F16



28383D



BDBDBD



3D3D3D

Same Dimension

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



024A5F



005F7A



021C5F



2C2F30



005770



00BAF0

Inverse Universe

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



5F024A



7A005F



5F4502



302C2F



700057



F000BA

Previews

White Background



This preview shows how the Hex color 024A5F looks on a white background.

Color Contrast Check

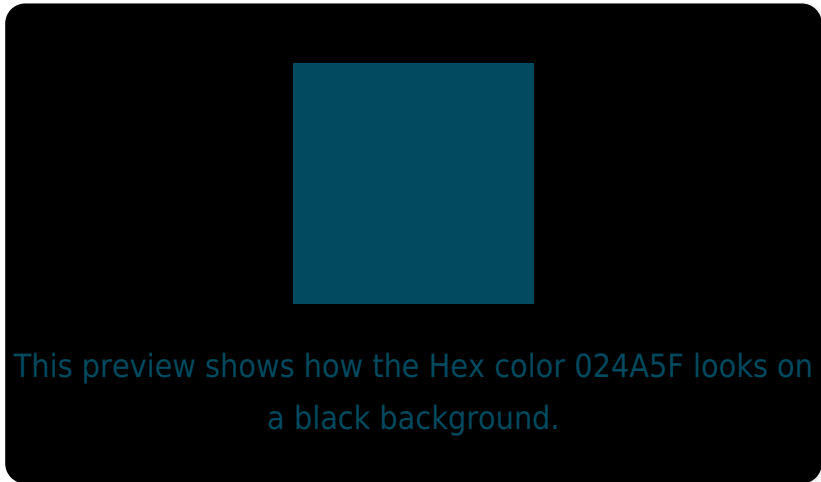
Large Text (above 18pt) WCAG AA ✓ Pass

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

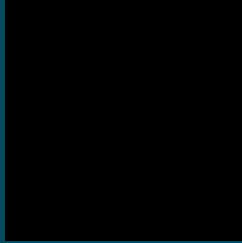
Any Text WCAG AA × Fail

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 024A5F Background



This preview shows how black text looks on a background with the Hex color 024A5F.



This preview shows how white text looks on a background with the Hex color 024A5F.

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
024A5F

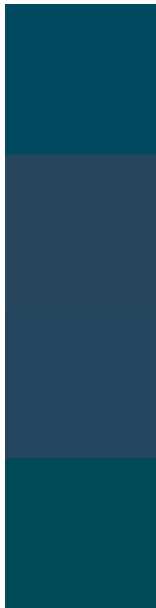
Protanopia
3E435A

Deuteranopia
3A4361



Tritanopia
004C51

Trichromacy



Original Color
024A5F

Protanomaly
28465C

Deuteranomaly
264660

Tritanomaly
014B56

Monochromacy



Original Color
024A5F

Achromatopsia
373737

Achromatomaly
243E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 024A5F 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 #024A5F looks like.

```
.text, #text, p{  
    color:#024A5F  
}
```

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 #024A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024A5F
}
```

Border

The CSS property to change the border of an element to Hex 024A5F 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
#024A5F }
```

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

```
.border{ border-color:#024A5F }
```

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

Here you see how a box with a 4 pixel #024A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024A5F; -webkit-box-shadow:4px 4px  
4px 4px #024A5F; box-shadow:4px 4px 4px  
4px #024A5F }
```

Background

The CSS property to change the background color of an element to Hex 024A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024A5F }
```

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

```
.background{ background-color:#024A5F }
```

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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