

Converting Colors

Hex(024350)

Have a look what the booklet for
Hex(024350) contains.

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Color

Hex(024350)

Conversions

Conversions Part 1

Format	Color
Hex	024350
RGB	2, 67, 80
RGB Percent	1%, 26%, 31%
CMY	0.9922, 0.7373, 0.6863
CMYK	0.98, 0.16, 0.00, 0.69
HSL	190°, 95%, 16%
HSV	190°, 98%, 31%
XYZ	3.4802, 4.6064, 8.2951
YIQ	49.0470, -42.9130, -9.7370

Conversions

Conversions Part 2

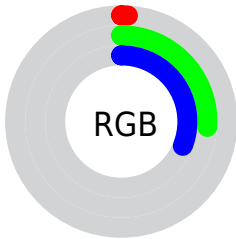
Format	Color
R_{YB}	2, 37, 80
Decimal	148304
CIE _{Lab}	25.58, -13.20, -13.09
CIE _{LCh}	26, 18.593, 224.752
Yxy	4.6064, 0.2124, 0.2812
Android (android.graphics.Color)	4278338384 (0xFF024350)
YUV	49.0470, 15.2598, -41.2602
Hunter-Lab	21.4625, -8.6156, -7.8914

Details

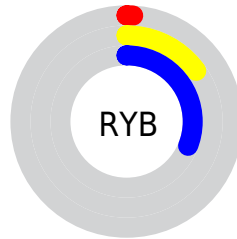
The Hex color **024350** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **500F02**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3F7381**, and **001923** is the 20% darker color. If you saturate the color by 10%, you get **004350**, and if you desaturate by 10%, it is **0A4450**.

Distribution



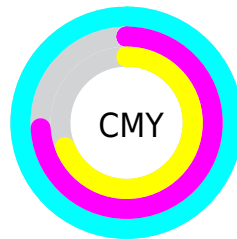
- Red (1%)
- Green (26%)
- Blue (31%)



- Red (1%)
- Yellow (15%)
- Blue (31%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (69%)



- Cyan (99%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024350 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 024350 by changing the saturation by 10% instead.

024350

024350

FFFFFF

002D39

3F7381

001923

598D9B

00010D

74A7B6

000000

8FC2D2

AADEEE

C6FBFF

E3FFFF

024350

024350

■ 004350

■ 0A4450

■ 124650

■ 1A4750

■ 224850

■ 2A4A50

■ 324B50

■ 3A4C50

■ 424E50

■ 4A4F50

Harmonies

Analogous

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



074443



024350



1B4058

Triad

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



024350



543244



3F3E21

Complementary

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



024350



500F02

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.



4C3921



024350



583236

Square

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



024350



473651



553529



2F4228

Rectangle

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



024350



2C3D59



553529



443C20

Sweetspot

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



024350



4A6369



02500F



233236



B5B5B5



363636

Same Dimension

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



024350



005769



021C50



252829



00C1E8

Inverse Universe

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



500243



690057



503602



292528



E800C1

Previews

White Background



This preview shows how the Hex color 024350 looks on a white background.

Color Contrast Check

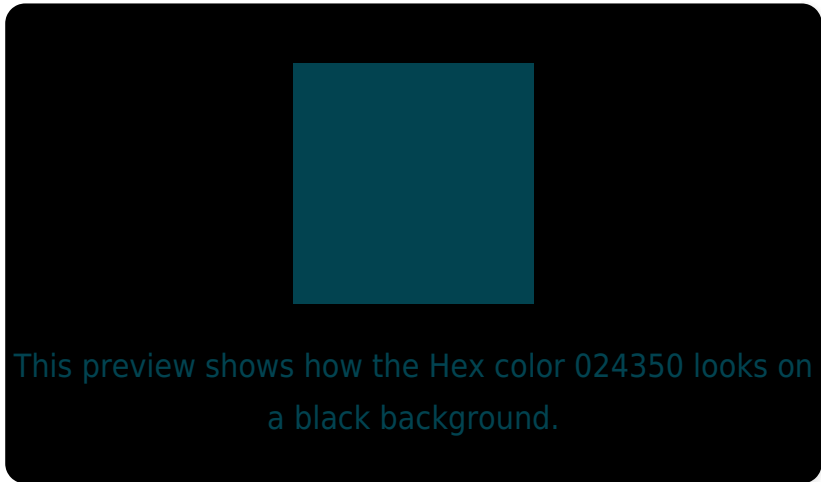
Large Text (above 18pt) WCAG AA ✓ Pass

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

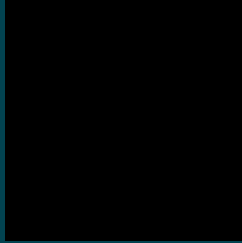
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

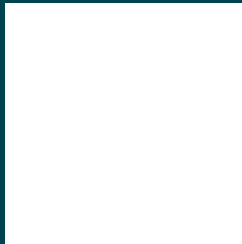
Any Text WCAG AAA × Fail

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

Hex 024350 Background



This preview shows how black text looks on a background with the Hex color 024350.



This preview shows how white text looks on a background with the Hex color 024350.

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
024350

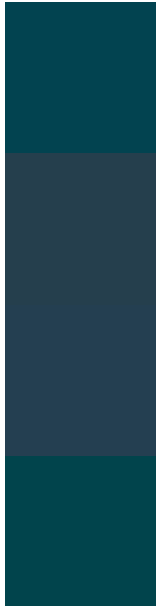
Protanopia
393C4B

Deuteranopia
373C52



Tritanopia
004449

Trichromacy



Original Color
024350

Protanomaly
253F4D

Deuteranomaly
243F51

Tritanomaly
01444C

Monochromacy



Original Color
024350

Achromatopsia
313131

Achromatomaly
20383C

CSS Examples

Text

The CSS property to change the color of the text to Hex 024350 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 #024350 looks like.

```
.text, #text, p{  
    color:#024350  
}
```

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 #024350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024350
}
```

Border

The CSS property to change the border of an element to Hex 024350 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
#024350 }
```

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

```
.border{ border-color:#024350 }
```

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

Here you see how a box with a 4 pixel #024350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024350; -webkit-box-shadow:4px 4px  
4px 4px #024350; box-shadow:4px 4px 4px  
4px #024350 }
```

Background

The CSS property to change the background color of an element to Hex 024350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024350 }
```

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

```
.background{ background-color:#024350 }
```

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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