

Converting Colors

Hex(026464)

Have a look what the booklet for
Hex(026464) contains.

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Color

Hex(026464)

Conversions

Conversions Part 1

Format	Color
Hex	026464
RGB	2, 100, 100
RGB Percent	1%, 39%, 39%
CMY	0.9922, 0.6078, 0.6078
CMYK	0.98, 0.00, 0.00, 0.61
HSL	180°, 96%, 20%
HSV	180°, 98%, 39%
XYZ	6.8825, 10.0473, 13.6332
YIQ	70.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

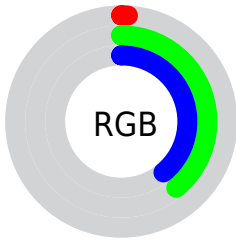
Format	Color
RYB	2, 51, 100
Decimal	156772
CIELab	37.93, -24.04, -7.08
CIELCh	38, 25.062, 196.404
Yxy	10.0473, 0.2252, 0.3287
Android (android.graphics.Color)	4278346852 (0xFF026464)
YUV	70.6980, 14.4459, -60.2481
Hunter-Lab	31.6976, -16.7132, -3.3125

Details

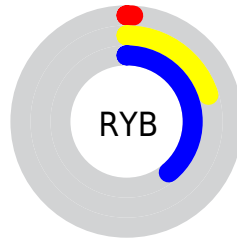
The Hex color **026464** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **640202**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **499797**, and **003535** is the 20% darker color. If you saturate the color by 10%, you get **006464**, and if you desaturate by 10%, it is **0C6464**.

Distribution



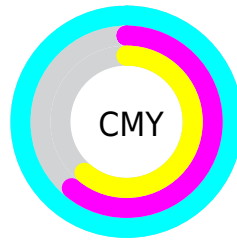
- Red (1%)
- Green (39%)
- Blue (39%)



- Red (1%)
- Yellow (20%)
- Blue (39%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)




- Cyan (99%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 026464 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 026464 by changing the saturation by 10% instead.

 026464

 026464

FFFFFF

 004C4C

 499797

 003535

 65B2B1

 002020

 80CECD

 000009

 9CEAE9

 000000

 B8FFFF

 D5FFFF

 F2FFFF

 026464

 026464

■ 006464

■ 0C6464

■ 166464

■ 206464

■ 2A6464

■ 346464

■ 3E6464

■ 486464

■ 526464

■ 5C6464

Harmonies

Analogous

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



2A634F



026464



006276

Triad

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



026464



695075



6E5532

Complementary

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



026464



640202

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.



7C4E3D



026464



7B4A63

Square

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



026464



4E5780



814A4F



5B5C32

Rectangle

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



026464



1B607E



814A4F



745234

Sweetspot

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



026464



5C8282



026402



2B4242



C2C2C2



424242

Same Dimension

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



026464



008282



023364



2E3333



007373



00F2F2

Inverse Universe

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



640264



820082



643302



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 026464 looks on a white background.

Color Contrast Check

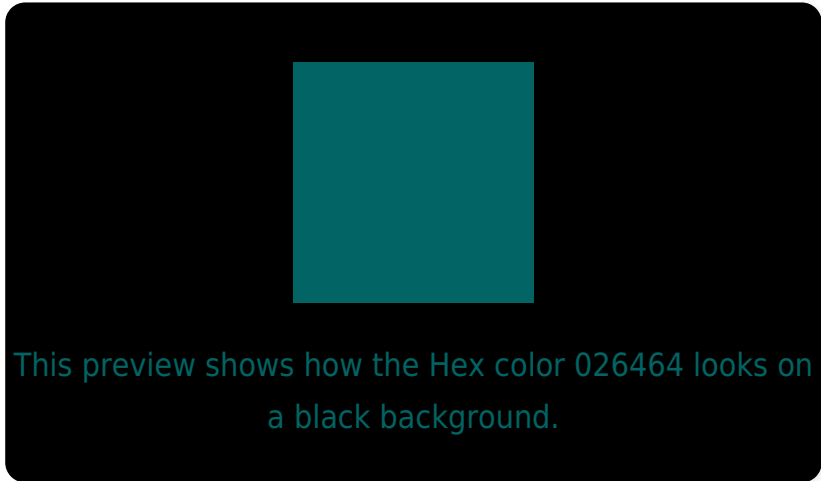
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

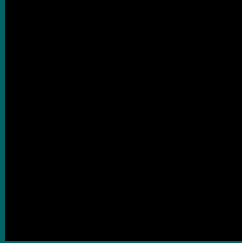
Any Text WCAG AA × Fail

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 026464 Background



This preview shows how black text looks on a background with the Hex color 026464.

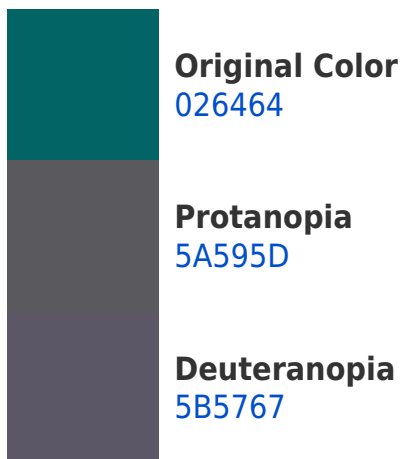


This preview shows how white text looks on a background with the Hex color 026464.

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
12636B

Trichromacy



Original Color
026464

Protanomaly
3A5D60

Deuteranomaly
3B5C66

Tritanomaly
0C6368

Monochromacy



Original Color
026464

Achromatopsia
474747

Achromatomaly
2E5252

CSS Examples

Text

The CSS property to change the color of the text to Hex 026464 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 #026464 looks like.

```
.text, #text, p{  
    color:#026464  
}
```

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 #026464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #026464
}
```

Border

The CSS property to change the border of an element to Hex 026464 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
#026464 }
```

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

```
.border{ border-color:#026464 }
```

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

Here you see how a box with a 4 pixel #026464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #026464; -webkit-box-shadow:4px 4px  
4px 4px #026464; box-shadow:4px 4px 4px  
4px #026464 }
```

Background

The CSS property to change the background color of an element to Hex 026464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#026464 }
```

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

```
.background{ background-color:#026464 }
```

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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