

Converting Colors

Hex(024D60)

Have a look what the booklet for
Hex(024D60) contains.

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Color

Hex(024D60)

Conversions

Conversions Part 1

Format	Color
Hex	024D60
RGB	2, 77, 96
RGB Percent	1%, 30%, 38%
CMY	0.9922, 0.6980, 0.6235
CMYK	0.98, 0.20, 0.00, 0.62
HSL	192°, 96%, 19%
HSV	192°, 98%, 38%
XYZ	4.7902, 6.1652, 12.0039
YIQ	56.7410, -50.7990, -9.9910

Conversions

Conversions Part 2

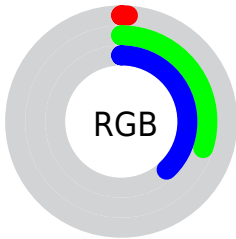
Format	Color
R_{YB}	2, 44, 96
Decimal	150880
CIE _{Lab}	29.83, -12.83, -16.89
CIE _{LCh}	30, 21.213, 232.771
Yxy	6.1652, 0.2086, 0.2685
Android (android.graphics.Color)	4278340960 (0xFF024D60)
YUV	56.7410, 19.3547, -48.0079
Hunter-Lab	24.8298, -9.0154, -11.2826

Details

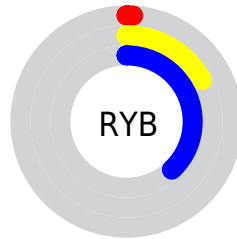
The Hex color **024D60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **601502**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **447E93**, and **002132** is the 20% darker color. If you saturate the color by 10%, you get **004D60**, and if you desaturate by 10%, it is **0C4F60**.

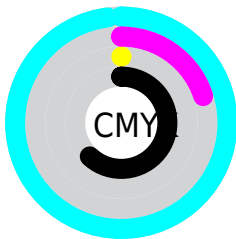
Distribution



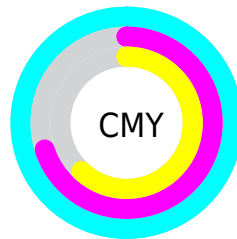
- Red (1%)
- Green (30%)
- Blue (38%)



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



- Cyan (98%)
- Magenta (20%)
- Yellow (0%)
- Black (62%)



- Cyan (99%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024D60 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 024D60 by changing the saturation by 10% instead.

 024D60

 024D60

FFFFFF

 003648

 447E93

 002132

 5F98AD

 00021D

 7AB3C9

 000000

 96CEE5

 B1EBFF

 CEFFFF

 EBFFFF

 024D60

 024D60

■ 004D60

■ 0C4F60

■ 155160

■ 1F5360

■ 285560

■ 325760

■ 3C5960

■ 455B60

■ 4F5D60

■ 585E60

Harmonies

Analogous

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



004F52



024D60



264967

Triad

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



024D60



633A4B



444927

Complementary

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



024D60



601502

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.



544425



024D60



663A3A

Square

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



024D60



573D5A



613E2D



314D32

Rectangle

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



024D60



3A4566



613E2D



4A4826

Sweetspot

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



024D60



59767D



026015



293B40



BFBFBF



404040

Same Dimension

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



024D60



00647D



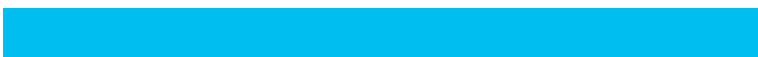
021E60



2C2F30



005A70



00BFF0

Inverse Universe

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



60024D



7D0064



604402



302C2F



70005A



F000BF

Previews

White Background



This preview shows how the Hex color 024D60 looks on a white background.

Color Contrast Check

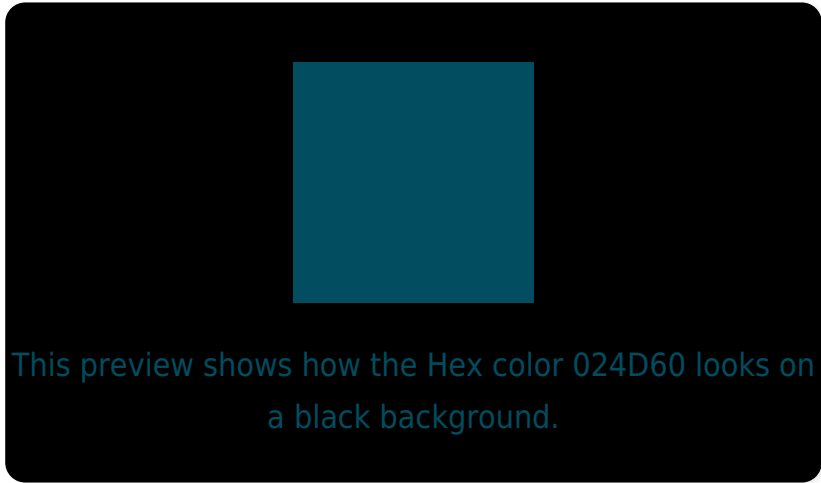
Large Text (above 18pt) WCAG AA ✓ Pass

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

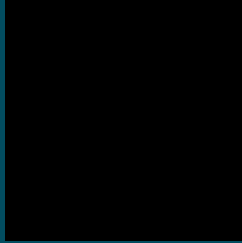
Any Text WCAG AA × Fail

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 024D60 Background



This preview shows how black text looks on a background with the Hex color 024D60.



This preview shows how white text looks on a background with the Hex color 024D60.

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](#).

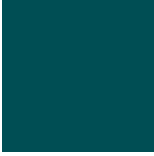
Dichromacy



Original Color
024D60

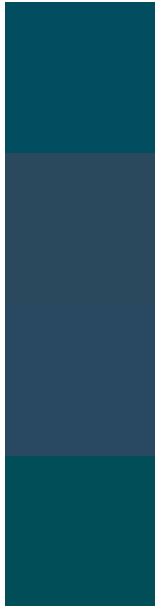
Protanopia
41465B

Deuteranopia
3E4662



Tritanopia
004E54

Trichromacy



Original Color
024D60

Protanomaly
2A495D

Deuteranomaly
284961

Tritanomaly
014E58

Monochromacy



Original Color
024D60

Achromatopsia
393939

Achromatomaly
254047

CSS Examples

Text

The CSS property to change the color of the text to Hex 024D60 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 #024D60 looks like.

```
.text, #text, p{  
    color:#024D60  
}
```

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 #024D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024D60
}
```

Border

The CSS property to change the border of an element to Hex 024D60 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
#024D60 }
```

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

```
.border{ border-color:#024D60 }
```

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

Here you see how a box with a 4 pixel #024D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024D60; -webkit-box-shadow:4px 4px  
4px 4px #024D60; box-shadow:4px 4px 4px  
4px #024D60 }
```

Background

The CSS property to change the background color of an element to Hex 024D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024D60 }
```

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

```
.background{ background-color:#024D60 }
```

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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