

Converting Colors

Hex(004263)

Have a look what the booklet for
Hex(004263) contains.

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Color

Hex(004263)

Conversions

Conversions Part 1

Format	Color
Hex	004263
RGB	0, 66, 99
RGB Percent	0%, 26%, 39%
CMY	1.0000, 0.7412, 0.6118
CMYK	1.00, 0.33, 0.00, 0.61
HSL	200°, 100%, 19%
HSV	200°, 100%, 39%
XYZ	4.2003, 4.7973, 12.5090
YIQ	50.0280, -49.9290, -3.7290

Conversions

Conversions Part 2

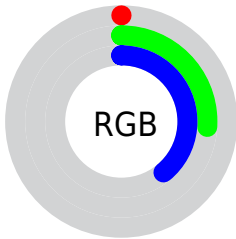
Format	Color
RYB	0, 40, 99
Decimal	16995
CIELab	26.15, -4.90, -24.56
CIELCh	26, 25.040, 258.707
Yxy	4.7973, 0.1953, 0.2231
Android (android.graphics.Color)	4278207075 (0xFF004263)
YUV	50.0280, 24.1432, -43.8746
Hunter-Lab	21.9027, -4.0982, -18.5295

Details

The Hex color **004263** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **632100**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **437296**, and **001834** is the 20% darker color. If you saturate the color by 10%, you get **004263**, and if you desaturate by 10%, it is **0A4563**.

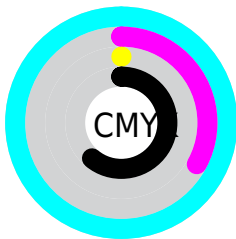
Distribution



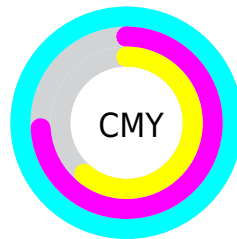
- Red (0%)
- Green (26%)
- Blue (39%)



- Red (0%)
- Yellow (16%)
- Blue (39%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (74%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004263 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 004263 by changing the saturation by 10% instead.

 004263

 004263

FFFFFF

 002C4B

 437296

 001834

 5E8BB1

 00021F

 79A5CC

 000002

 94C1E9

 000000

 B0DCFF

 CDF9FF

 EAFFFF

 004263

■ 0A4563

■ 144963

■ 1E4C63

■ 284F63

■ 325363

■ 3B5663

■ 455963

■ 4F5C63

■ 596063

Harmonies

Analogous

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



00465A



004263



343C62

Triad

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



004263



622E33



274524

Complementary

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



004263



632100

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.



3D4118



004263



5C3322

Square

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



004263



5E2F46



4F3A18



024736

Rectangle

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



004263



47375C



4F3A18



2F441F

Sweetspot

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



004263



597380



006321



293840



BFBFBF



404040

Same Dimension

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



004263



005580



001263



2C2F30



004B70



00A0F0

Inverse Universe

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



630042



800055



635300



302C2F



70004B



F000A0

Previews

White Background



This preview shows how the Hex color 004263 looks on a white background.

Color Contrast Check

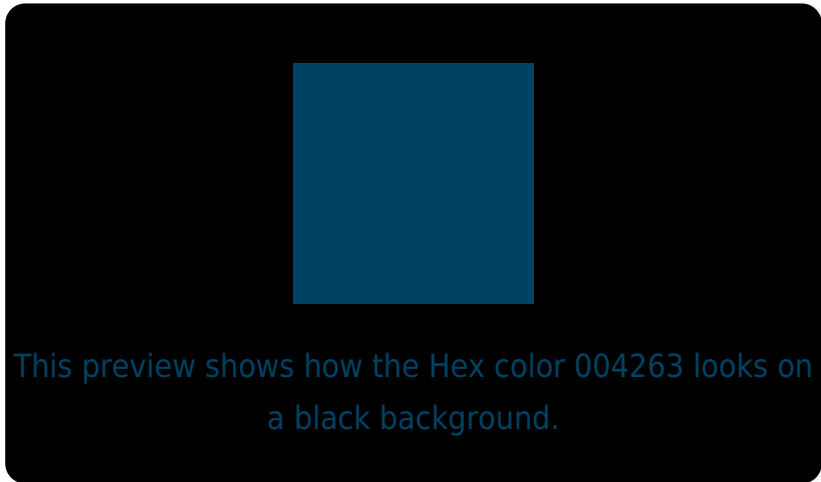
Large Text (above 18pt) WCAG AA ✓ Pass

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

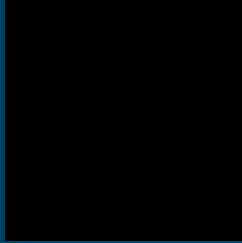
Any Text WCAG AA × Fail

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 004263 Background



This preview shows how black text looks on a background with the Hex color 004263.



This preview shows how white text looks on a background with the Hex color 004263.

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
004263

Protanopia
323D5F

Deuteranopia
293E64



Tritanopia
00454A

Trichromacy



Original Color
004263

Protanomaly
203F60

Deuteranomaly
1A3F64

Tritanomaly
004453

Monochromacy



Original Color
004263

Achromatopsia
323232

Achromatomaly
203844

CSS Examples

Text

The CSS property to change the color of the text to Hex 004263 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 #004263 looks like.

```
.text, #text, p{  
    color:#004263  
}
```

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 #004263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004263
}
```

Border

The CSS property to change the border of an element to Hex 004263 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
#004263 }
```

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

```
.border{ border-color:#004263 }
```

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

Here you see how a box with a 4 pixel #004263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004263; -webkit-box-shadow:4px 4px  
4px 4px #004263; box-shadow:4px 4px 4px  
4px #004263 }
```

Background

The CSS property to change the background color of an element to Hex 004263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004263 }
```

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

```
.background{ background-color:#004263 }
```

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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