

Converting Colors

Hex(004C62)

Have a look what the booklet for
Hex(004C62) contains.

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Color

Hex(004C62)

Conversions

Conversions Part 1

Format	Color
Hex	004C62
RGB	0, 76, 98
RGB Percent	0%, 30%, 38%
CMY	1.0000, 0.7020, 0.6157
CMYK	1.00, 0.22, 0.00, 0.62
HSL	193°, 100%, 19%
HSV	193°, 100%, 38%
XYZ	4.7890, 6.0507, 12.4708
YIQ	55.7840, -52.3580, -9.2700

Conversions

Conversions Part 2

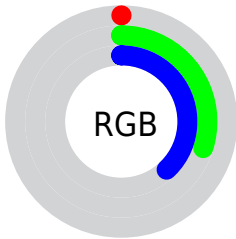
Format	Color
R _{YB}	0, 43, 98
Decimal	19554
CIE Lab	29.54, -11.62, -18.61
CIE LCh	30, 21.939, 238.022
Yxy	6.0507, 0.2054, 0.2596
Android (android.graphics.Color)	4278209634 (0xFF004C62)
YUV	55.7840, 20.8125, -48.9226
Hunter-Lab	24.5982, -8.2946, -12.8400

Details

The Hex color **004C62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **621600**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **447D95**, and **002033** is the 20% darker color. If you saturate the color by 10%, you get **004C62**, and if you desaturate by 10%, it is **0A4E62**.

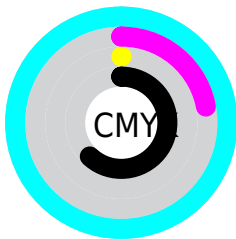
Distribution



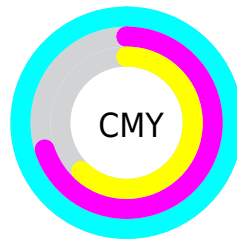
- Red (0%)
- Green (30%)
- Blue (38%)



- Red (0%)
- Yellow (17%)
- Blue (38%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C62 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 004C62 by changing the saturation by 10% instead.

 004C62

 004C62


FFFFFF

 00354A

 447D95

 002033

 5F97AF

 00021F

 7AB2CB

 000001

 95CDE7

 000000

 B1E9FF

 CEFFFF

 EBFFFF

 004C62

■ 0A4E62

■ 145062

■ 1D5362

■ 275562

■ 315762

■ 3B5962

■ 455B62

■ 4E5E62

■ 586062

Harmonies

Analogous

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



004E55



004C62



294867

Triad

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



004C62



653847



404927

Complementary

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



004C62



621600

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.



514423



004C62



663937

Square

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



004C62



5A3C58



5F3E29



2C4D33

Rectangle

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



004C62



3D4466



5F3E29



464825

Sweetspot

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



004C62



597780



006215



293B40



BFBFBF



404040

Same Dimension

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



004C62



006380



001C62



2C2F30



005770



00BAF0

Inverse Universe

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



62004C



800063



624600



302C2F



700057



F000BA

Previews

White Background



This preview shows how the Hex color 004C62 looks on a white background.

Color Contrast Check

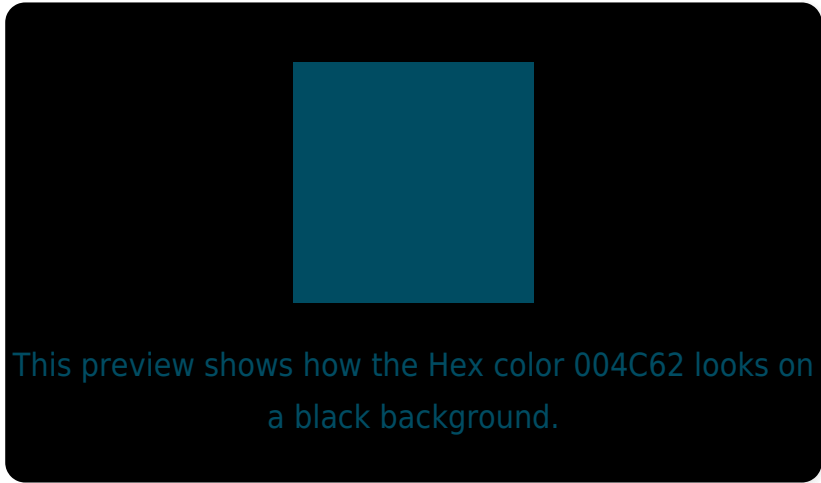
Large Text (above 18pt) WCAG AA ✓ Pass

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

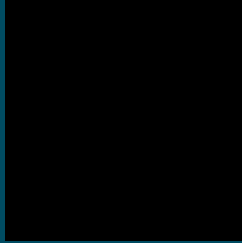
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

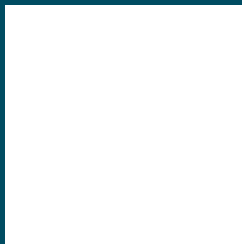
Any Text WCAG AAA × Fail

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

Hex 004C62 Background



This preview shows how black text looks on a background with the Hex color 004C62.

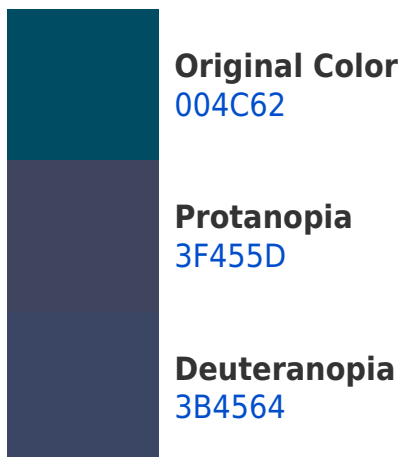


This preview shows how white text looks on a background with the Hex color 004C62.

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](#).

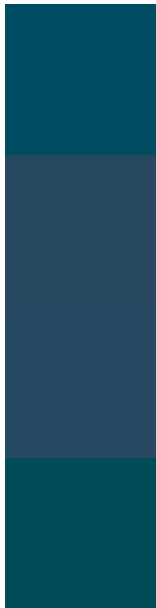
Dichromacy





Tritanopia
004E54

Trichromacy



Original Color
004C62

Protanomaly
28485F

Deuteranomaly
264863

Tritanomaly
004D59

Monochromacy



Original Color
004C62

Achromatopsia
383838

Achromatomaly
243F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C62 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 #004C62 looks like.

```
.text, #text, p{  
    color:#004C62  
}
```

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 #004C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C62
}
```

Border

The CSS property to change the border of an element to Hex 004C62 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
#004C62 }
```

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

```
.border{ border-color:#004C62 }
```

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

Here you see how a box with a 4 pixel #004C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C62; -webkit-box-shadow:4px 4px  
4px 4px #004C62; box-shadow:4px 4px 4px  
4px #004C62 }
```

Background

The CSS property to change the background color of an element to Hex 004C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C62 }
```

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

```
.background{ background-color:#004C62 }
```

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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