

Converting Colors

Hex(004B5F)

Have a look what the booklet for
Hex(004B5F) contains.

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Color

Hex(004B5F)

Conversions

Conversions Part 1

Format	Color
Hex	004B5F
RGB	0, 75, 95
RGB Percent	0%, 29%, 37%
CMY	1.0000, 0.7059, 0.6275
CMYK	1.00, 0.21, 0.00, 0.63
HSL	193°, 100%, 19%
HSV	193°, 100%, 37%
XYZ	4.5816, 5.8584, 11.7158
YIQ	54.8550, -51.1200, -9.6800

Conversions

Conversions Part 2

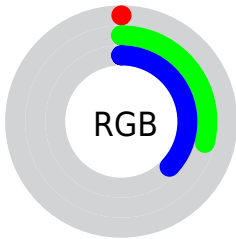
Format	Color
R_{YB}	0, 42, 95
Decimal	19295
CIE _{Lab}	29.05, -12.22, -17.45
CIE _{LCh}	29, 21.304, 234.992
Yxy	5.8584, 0.2068, 0.2644
Android (android.graphics.Color)	4278209375 (0xFF004B5F)
YUV	54.8550, 19.7915, -48.1078
Hunter-Lab	24.2041, -8.5686, -11.7559

Details

The Hex color **004B5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F1400**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **437C92**, and **001F31** is the 20% darker color. If you saturate the color by 10%, you get **004B5F**, and if you desaturate by 10%, it is **094D5F**.

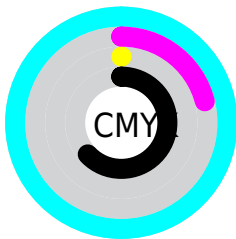
Distribution



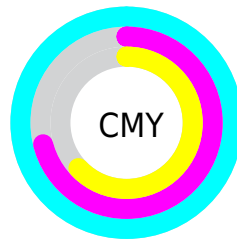
- Red (0%)
- Green (29%)
- Blue (37%)



- Red (0%)
- Yellow (16%)
- Blue (37%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B5F 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 004B5F by changing the saturation by 10% instead.

004B5F

004B5F

FFFFFF

003447

437C92

001F31

5E96AC

00021C

79B0C7

000000

94CCE4

B0E8FF

CCFFFF

E9FFFF

004B5F

■ 094D5F

■ 134F5F

■ 1D515F

■ 26535F

■ 30555F

■ 39575F

■ 43595F

■ 4C5B5F

■ 565D5F

Harmonies

Analogous

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



004D52



004B5F



264765

Triad

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



004B5F



623848



414826

Complementary

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



004B5F



5F1400

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.



524323



004B5F



643837

Square

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



004B5F



573B58



5E3D2A



2E4B31

Rectangle

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



004B5F



3A4364



5E3D2A



474624

Sweetspot

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



004B5F



56737A



005F13



27393D



BDBDBD



3D3D3D

Same Dimension

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



004B5F



00617A



001C5F



2C2F30



005970



00BDF0

Inverse Universe

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



5F004B



7A0061



5F4300



302C2F



700059



F000BD

Previews

White Background



This preview shows how the Hex color 004B5F looks on a white background.

Color Contrast Check

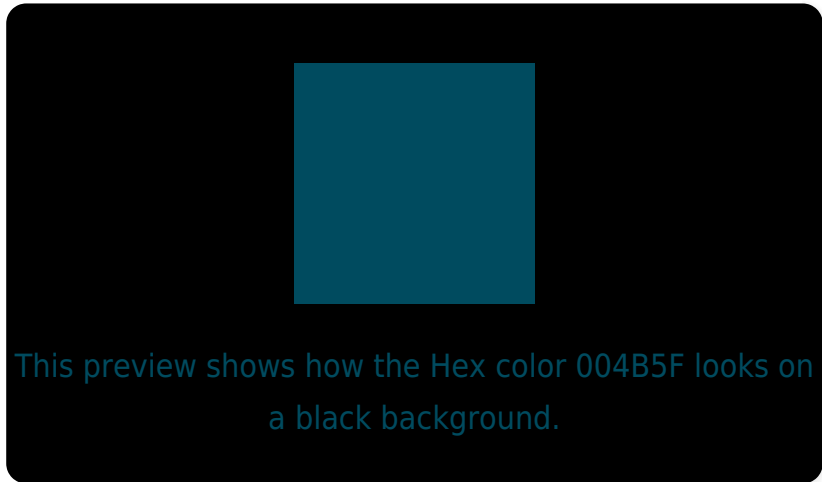
Large Text (above 18pt) WCAG AA ✓ Pass

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

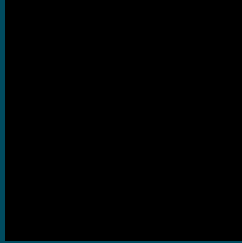
Any Text WCAG AA × Fail

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 004B5F Background



This preview shows how black text looks on a background with the Hex color 004B5F.

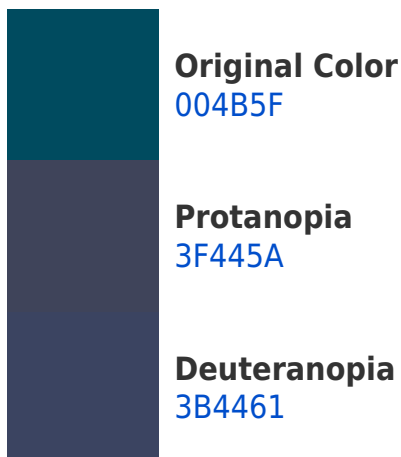


This preview shows how white text looks on a background with the Hex color 004B5F.

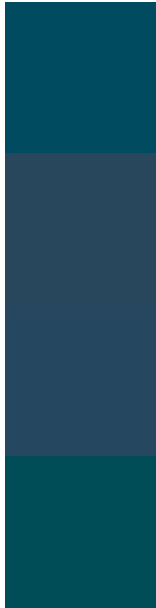
Color Blindness Simulation

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



Trichromacy



Original Color
004B5F

Protanomaly
28475C

Deuteranomaly
264760

Tritanomaly
004C57

Monochromacy



Original Color
004B5F

Achromatopsia
373737

Achromatomaly
233E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B5F 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 #004B5F looks like.

```
.text, #text, p{  
    color:#004B5F  
}
```

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 #004B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B5F
}
```

Border

The CSS property to change the border of an element to Hex 004B5F 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
#004B5F }
```

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

```
.border{ border-color:#004B5F }
```

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

Here you see how a box with a 4 pixel #004B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B5F; -webkit-box-shadow:4px 4px  
4px 4px #004B5F; box-shadow:4px 4px 4px  
4px #004B5F }
```

Background

The CSS property to change the background color of an element to Hex 004B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B5F }
```

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

```
.background{ background-color:#004B5F }
```

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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