

Converting Colors

Hex(014D61)

Have a look what the booklet for
Hex(014D61) contains.

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Color

Hex(014D61)

Conversions

Conversions Part 1

Format	Color
Hex	014D61
RGB	1, 77, 97
RGB Percent	0%, 30%, 38%
CMY	0.9961, 0.6980, 0.6196
CMYK	0.99, 0.21, 0.00, 0.62
HSL	192°, 98%, 19%
HSV	192°, 99%, 38%
XYZ	4.8241, 6.1773, 12.2473
YIQ	56.5560, -51.7160, -9.8920

Conversions

Conversions Part 2

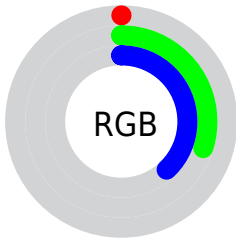
Format	Color
R_{YB}	1, 43, 97
Decimal	85345
CIE _{Lab}	29.86, -12.53, -17.48
CIE _{LCh}	30, 21.509, 234.373
Yxy	6.1773, 0.2075, 0.2657
Android (android.graphics.Color)	4278275425 (0xFF014D61)
YUV	56.5560, 19.9389, -48.7226
Hunter-Lab	24.8541, -8.8487, -11.8184

Details

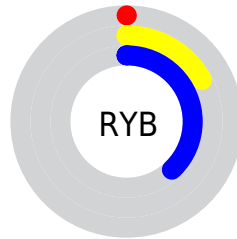
The Hex color **014D61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **611501**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **447E94**, and **002133** is the 20% darker color. If you saturate the color by 10%, you get **004D61**, and if you desaturate by 10%, it is **0B4F61**.

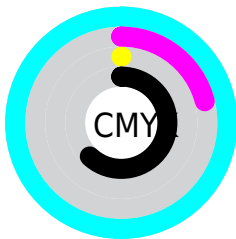
Distribution



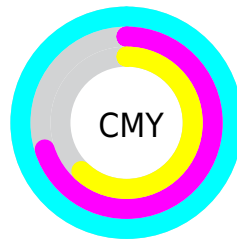
- Red (0%)
- Green (30%)
- Blue (38%)



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



- Cyan (99%)
- Magenta (21%)
- Yellow (0%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 014D61 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 014D61 by changing the saturation by 10% instead.

014D61

014D61

FFFFFF

003649

447E94

002133

5F98AE

00021E

7AB3CA

000000

96CEE6

B1EBFF

CEFFFF

EBFFFF

014D61

014D61

■ 004D61

■ 0B4F61

■ 145161

■ 1E5361

■ 285561

■ 315761

■ 3B5961

■ 455B61

■ 4F5D61

■ 585F61

Harmonies

Analogous

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



004F54



014D61



274967

Triad

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



014D61



64394A



434927

Complementary

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



014D61



611501

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



014D61



663A39

Square

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



014D61



583D5A



603E2C



304D32

Rectangle

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



014D61



3B4567



603E2C



494825

Sweetspot

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



014D61



57757D



016114



293B40



BFBFBF



404040

Same Dimension

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



014D61



00637D



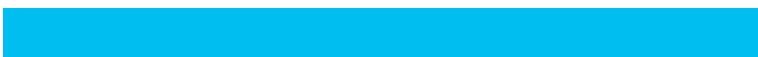
011E61



2C2F30



005970



00BEF0

Inverse Universe

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



61014D



7D0063



614401



302C2F



700059



F000BE

Previews

White Background



This preview shows how the Hex color 014D61 looks on a white background.

Color Contrast Check

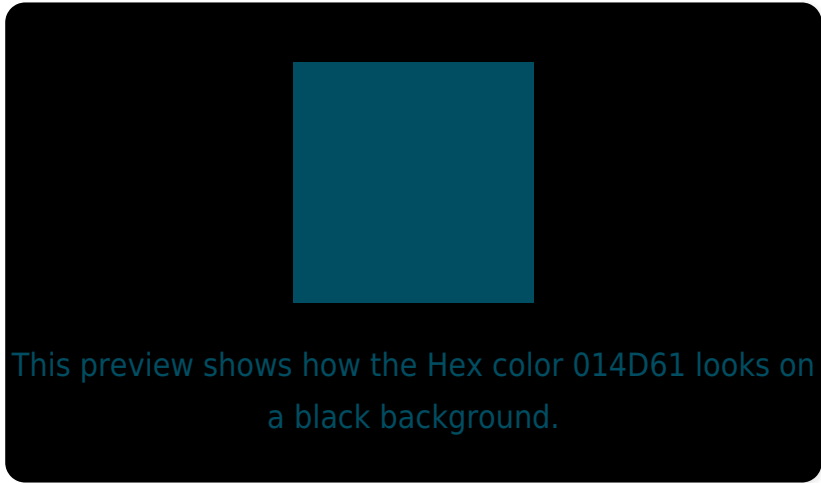
Large Text (above 18pt) WCAG AA ✓ Pass

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

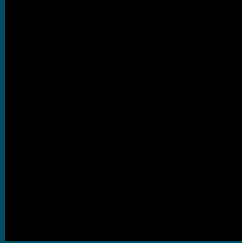
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

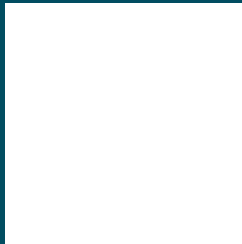
Any Text WCAG AAA × Fail

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

Hex 014D61 Background



This preview shows how black text looks on a background with the Hex color 014D61.

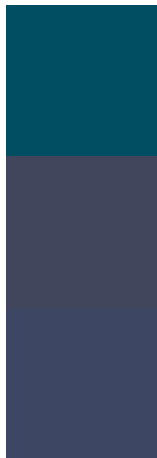


This preview shows how white text looks on a background with the Hex color 014D61.

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
014D61

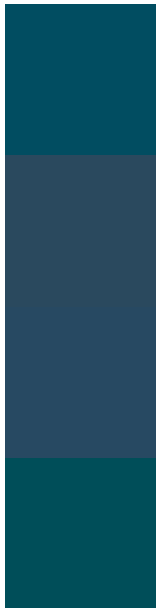
Protanopia
41465C

Deuteranopia
3D4663



Tritanopia
004F55

Trichromacy



Original Color
014D61

Protanomaly
2A495E

Deuteranomaly
274962

Tritanomaly
004E59

Monochromacy



Original Color
014D61

Achromatopsia
393939

Achromatomaly
254048

CSS Examples

Text

The CSS property to change the color of the text to Hex 014D61 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 #014D61 looks like.

```
.text, #text, p{  
    color:#014D61  
}
```

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 #014D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014D61
}
```

Border

The CSS property to change the border of an element to Hex 014D61 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
#014D61 }
```

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

```
.border{ border-color:#014D61 }
```

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

Here you see how a box with a 4 pixel #014D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014D61; -webkit-box-shadow:4px 4px  
4px 4px #014D61; box-shadow:4px 4px 4px  
4px #014D61 }
```

Background

The CSS property to change the background color of an element to Hex 014D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014D61 }
```

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

```
.background{ background-color:#014D61 }
```

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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