

Converting Colors

Hex(033F61)

Have a look what the booklet for
Hex(033F61) contains.

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Color

Hex(033F61)

Conversions

Conversions Part 1

Format	Color
Hex	033F61
RGB	3, 63, 97
RGB Percent	1%, 25%, 38%
CMY	0.9882, 0.7529, 0.6196
CMYK	0.97, 0.35, 0.00, 0.62
HSL	202°, 94%, 20%
HSV	202°, 97%, 38%
XYZ	3.9727, 4.4374, 11.9564
YIQ	48.9360, -46.6740, -2.1460

Conversions

Conversions Part 2

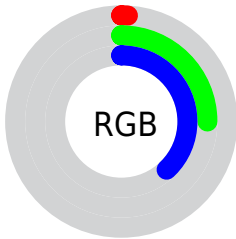
Format	Color
R_{YB}	3, 40, 97
Decimal	212833
CIE Lab	25.07, -3.50, -24.97
CIE LCh	25, 25.210, 262.031
Yxy	4.4374, 0.1951, 0.2179
Android (android.graphics.Color)	4278402913 (0xFF033F61)
YUV	48.9360, 23.6956, -40.2859
Hunter-Lab	21.0652, -3.2005, -18.9067

Details

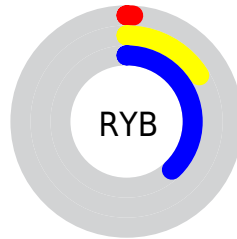
The Hex color **033F61** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **612503**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **446E94**, and **001532** is the 20% darker color. If you saturate the color by 10%, you get **003E61**, and if you desaturate by 10%, it is **0D4361**.

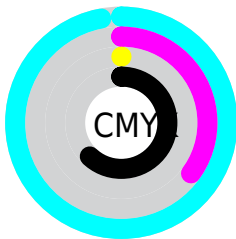
Distribution



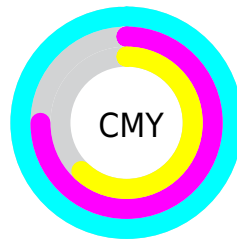
- Red (1%)
- Green (25%)
- Blue (38%)



- Red (1%)
- Yellow (16%)
- Blue (38%)



- Cyan (97%)
- Magenta (35%)
- Yellow (0%)
- Black (62%)



- Cyan (99%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033F61 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 033F61 by changing the saturation by 10% instead.

033F61

033F61

FFFFFF

002949

446E94

001532

5E88AF

00021D

79A2CA

000000

94BDE6

B0D9FF

CDF5FF

E9FFFF

033F61

033F61

■ 003E61

■ 0D4361

■ 164661

■ 204A61

■ 2A4D61

■ 345161

■ 3D5461

■ 475861

■ 515B61

■ 5A5F61

Harmonies

Analogous

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



004359



033F61



34385F

Triad

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



033F61



5F2C2E



224323

Complementary

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



033F61



612503

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.



393F17



033F61



58321E

Square

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



033F61



5C2C41



4B3915



004536

Rectangle

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



033F61



473358



4B3915



2A421E

Sweetspot

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



033F61



59707D



036124



293840



BFBFBF



404040

Same Dimension

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



033F61



00507D



031161



2C2F30



004870



0099F0

Inverse Universe

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



61033F



7D0050



615303



302C2F



700048



F00099

Previews

White Background



This preview shows how the Hex color 033F61 looks on a white background.

Color Contrast Check

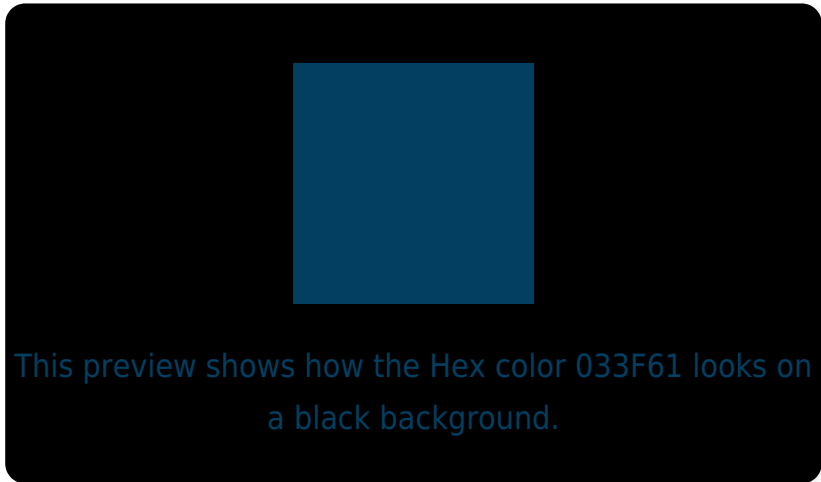
Large Text (above 18pt) WCAG AA ✓ Pass

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

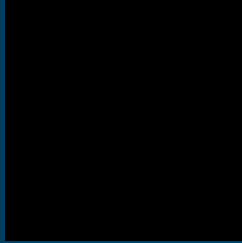
Any Text WCAG AA × Fail

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 033F61 Background



This preview shows how black text looks on a background with the Hex color 033F61.



This preview shows how white text looks on a background with the Hex color 033F61.

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
033F61

Protanopia
2F3B5D

Deuteranopia
243C62

Trichromacy



Original Color
033F61

Protanomaly
1F3C5E

Deuteranomaly
183D62

Tritanomaly
014250

Monochromacy



Original Color
033F61

Achromatopsia
313131

Achromatomaly
203642

CSS Examples

Text

The CSS property to change the color of the text to Hex 033F61 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 #033F61 looks like.

```
.text, #text, p{  
    color:#033F61  
}
```

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 #033F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033F61
}
```

Border

The CSS property to change the border of an element to Hex 033F61 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
#033F61 }
```

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

```
.border{ border-color:#033F61 }
```

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

Here you see how a box with a 4 pixel #033F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033F61; -webkit-box-shadow:4px 4px  
4px 4px #033F61; box-shadow:4px 4px 4px  
4px #033F61 }
```

Background

The CSS property to change the background color of an element to Hex 033F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033F61 }
```

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

```
.background{ background-color:#033F61 }
```

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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