

Converting Colors

Hex(041E61)

Have a look what the booklet for
Hex(041E61) contains.

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Color

Hex(041E61)

Conversions

Conversions Part 1

Format	Color
Hex	041E61
RGB	4, 30, 97
RGB Percent	2%, 12%, 38%
CMY	0.9843, 0.8824, 0.6196
CMYK	0.96, 0.69, 0.00, 0.62
HSL	223°, 92%, 20%
HSV	223°, 96%, 38%
XYZ	2.6720, 1.8174, 11.5192
YIQ	29.8640, -37.0030, 15.3250

Conversions

Conversions Part 2

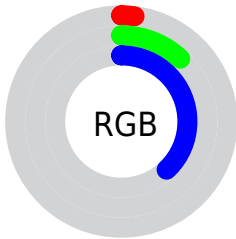
Format	Color
R_{YB}	4, 24, 97
Decimal	269921
CIE _{Lab}	14.50, 20.57, -42.01
CIE _{LCh}	14, 46.776, 296.094
Yxy	1.8174, 0.1669, 0.1135
Android (android.graphics.Color)	4278460001 (0xFF041E61)
YUV	29.8640, 33.0980, -22.6827
Hunter-Lab	13.4812, 11.7871, -41.2245

Details

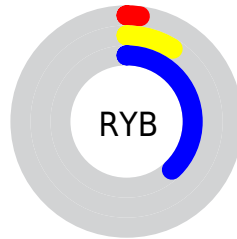
The Hex color **041E61** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **614704**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **464994**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **001B61**, and if you desaturate by 10%, it is **0E2561**.

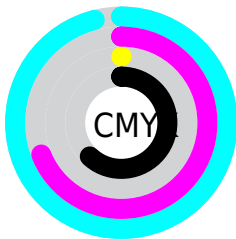
Distribution



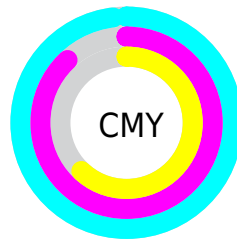
- Red (2%)
- Green (12%)
- Blue (38%)



- Red (2%)
- Yellow (9%)
- Blue (38%)



- Cyan (96%)
- Magenta (69%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (88%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 041E61 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 041E61 by changing the saturation by 10% instead.

■ 041E61

■ 041E61

FFFFFF

■ 000849

■ 464994

■ 000431

■ 6061AF

■ 00011C

■ 7B7ACB

■ 000000

■ 9794E8

■ B3AEFF

■ CFCAFF

■ ECE6FF

■ 041E61

■ 041E61

■ 001B61

■ 0E2561

■ 172C61

■ 213361

■ 2B3A61

■ 354161

■ 3E4861

■ 484F61

■ 525661

■ 5B5D61

Harmonies

Analogous

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



002B68



041E61



46024A

Triad

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



041E61



4A1000



00311F

Complementary

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



041E61



614704

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.



002F00



041E61



322200

Square

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



041E61



590006



112B00



003241

Rectangle

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



041E61



550035



112B00



003113

Sweetspot

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



041E61



59637D



046147



293040



BFBFBF



404040

Same Dimension

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



041E61



00237D



180461



2C2D30



001F70



0043F0

Inverse Universe

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



61041E



7D0023



4D6104



302C2D



70001F



F00043

Previews

White Background



This preview shows how the Hex color 041E61 looks on a white background.

Color Contrast Check

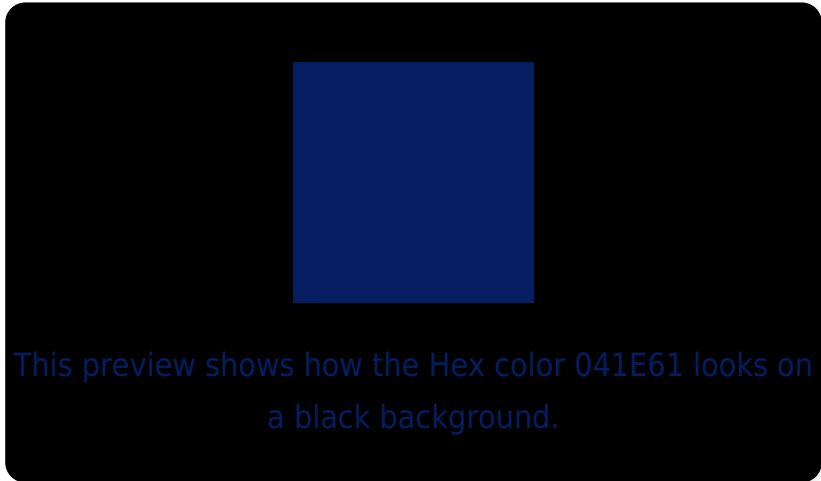
Large Text (above 18pt) WCAG AA ✓ Pass

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

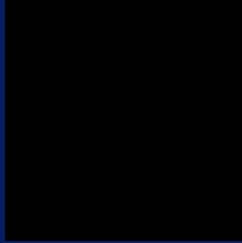
Any Text WCAG AA × Fail

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 041E61 Background



This preview shows how black text looks on a background with the Hex color 041E61.



This preview shows how white text looks on a background with the Hex color 041E61.

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
041E61

Protanopia
00244D

Deuteranopia
002742

Trichromacy



Original Color
041E61

Protanomaly
012254

Deuteranomaly
01244D

Tritanomaly
01263F

Monochromacy



Original Color
041E61

Achromatopsia
1E1E1E

Achromatomaly
151E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 041E61 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 #041E61 looks like.

```
.text, #text, p{  
    color:#041E61  
}
```

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 #041E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #041E61
}
```

Border

The CSS property to change the border of an element to Hex 041E61 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".

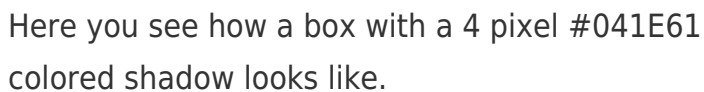
```
.border, #border, table{ border:4px solid
#041E61 }
```

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

```
.border{ border-color:#041E61 }
```

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

Here you see how a box with a 4 pixel #041E61 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #041E61; -webkit-box-shadow:4px 4px  
4px 4px #041E61; box-shadow:4px 4px 4px  
4px #041E61 }
```

Background

The CSS property to change the background color of an element to Hex 041E61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#041E61 }
```

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

```
.background{ background-color:#041E61 }
```

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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