

Converting Colors

Hex(001961)

Have a look what the booklet for
Hex(001961) contains.

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Color

Hex(001961)

Conversions

Conversions Part 1

Format	Color
Hex	001961
RGB	0, 25, 97
RGB Percent	0%, 10%, 38%
CMY	1.0000, 0.9020, 0.6196
CMYK	1.00, 0.74, 0.00, 0.62
HSL	225°, 100%, 19%
HSV	225°, 100%, 38%
XYZ	2.5053, 1.5583, 11.4780
YIQ	25.7330, -38.0120, 17.0920

Conversions

Conversions Part 2

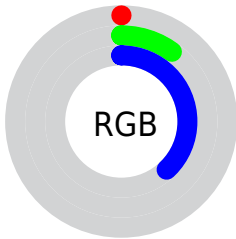
Format	Color
RYB	0, 20, 97
Decimal	6497
CIELab	12.97, 23.91, -44.52
CIElCh	13, 50.539, 298.241
Yxy	1.5583, 0.1612, 0.1003
Android (android.graphics.Color)	4278196577 (0xFF001961)
YUV	25.7330, 35.1346, -22.5678
Hunter-Lab	12.4833, 13.9777, -45.7770

Details

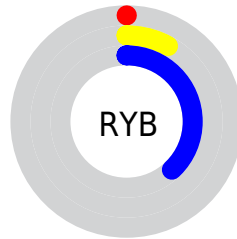
The Hex color **001961** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **614800**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **444495**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **001961**, and if you desaturate by 10%, it is **0A2061**.

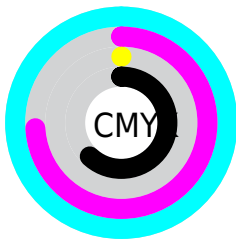
Distribution



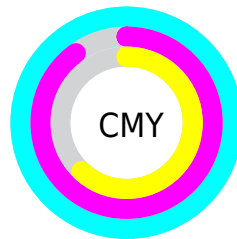
- Red (0%)
- Green (10%)
- Blue (38%)



- Red (0%)
- Yellow (8%)
- Blue (38%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (90%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001961 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 001961 by changing the saturation by 10% instead.

001961

001961

FFFCFF

000049

444495

000431

605BB0

00011B

7B74CB

000000

968EE8

B2A8FF

CFC3FF

ECDFFF

001961

■ 0A2061

■ 132761

■ 1D2F61

■ 273661

■ 313D61

■ 3A4461

■ 444B61

■ 4E5361

■ 575A61

Harmonies

Analogous

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



00286A



001961



470047

Triad

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



001961



460C00



002F1E

Complementary

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



001961



614800

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.



002D00



001961



2D2000

Square

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



001961



570000



052800



002F42

Rectangle

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



001961



550031



052800



002F12

Sweetspot

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



001961



57617D



006147



292F40



BFBFBF



404040

Same Dimension

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



001961



00207D



170061



2C2D30



001D70



003EF0

Inverse Universe

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



610019



7D0020



4A6100



302C2D



70001D



F0003E

Previews

White Background



This preview shows how the Hex color 001961 looks on a white background.

Color Contrast Check

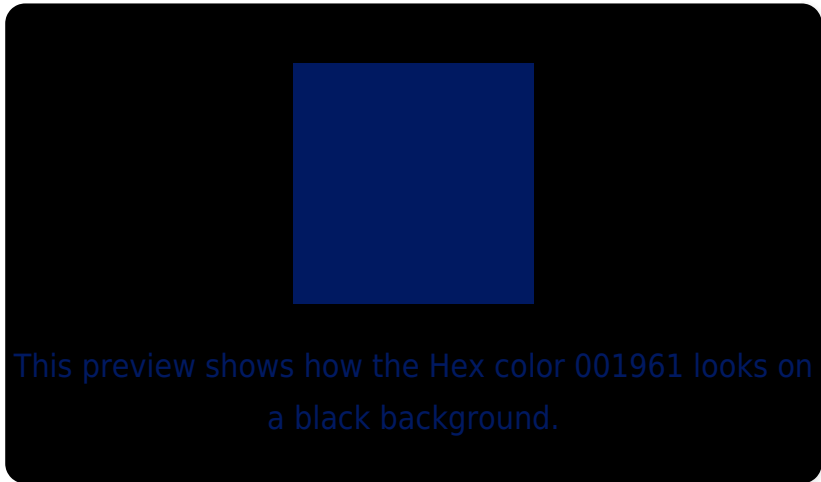
Large Text (above 18pt) WCAG AA ✓ Pass

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

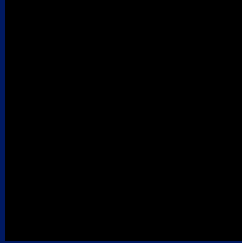
Any Text WCAG AA × Fail

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 001961 Background



This preview shows how black text looks on a background with the Hex color 001961.



This preview shows how white text looks on a background with the Hex color 001961.

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
001961

Protanopia
002248

Deuteranopia
00243D

Trichromacy



Original Color
001961

Protanomaly
001F51

Deuteranomaly
00204A

Tritanomaly
00223D

Monochromacy



Original Color
001961

Achromatopsia
1A1A1A

Achromatomaly
111A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 001961 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 #001961 looks like.

```
.text, #text, p{  
    color:#001961  
}
```

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 #001961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001961
}
```

Border

The CSS property to change the border of an element to Hex 001961 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
#001961 }
```

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

```
.border{ border-color:#001961 }
```

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

Here you see how a box with a 4 pixel #001961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001961; -webkit-box-shadow:4px 4px  
4px 4px #001961; box-shadow:4px 4px 4px  
4px #001961 }
```

Background

The CSS property to change the background color of an element to Hex 001961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001961 }
```

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

```
.background{ background-color:#001961 }
```

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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