

Converting Colors

Hex(001953)

Have a look what the booklet for
Hex(001953) contains.

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Color

Hex(001953)

Conversions

Conversions Part 1

Format	Color
Hex	001953
RGB	0, 25, 83
RGB Percent	0%, 10%, 33%
CMY	1.0000, 0.9020, 0.6745
CMYK	1.00, 0.70, 0.00, 0.67
HSL	222°, 100%, 16%
HSV	222°, 100%, 33%
XYZ	1.9090, 1.3198, 8.3377
YIQ	24.1370, -33.5180, 12.7380

Conversions

Conversions Part 2

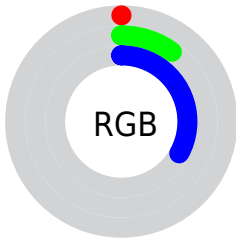
Format	Color
RYB	0, 19, 83
Decimal	6483
CIELab	11.41, 17.75, -37.67
CIELCh	11, 41.639, 295.234
Yxy	1.3198, 0.1650, 0.1141
Android (android.graphics.Color)	4278196563 (0xFF001953)
YUV	24.1370, 29.0195, -21.1681
Hunter-Lab	11.4882, 9.5564, -34.9888

Details

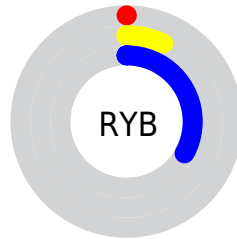
The Hex color **001953** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **533A00**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **3F4485**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **001953**, and if you desaturate by 10%, it is **081F53**.

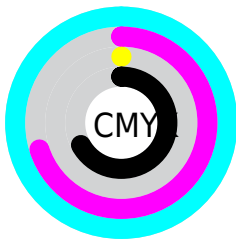
Distribution



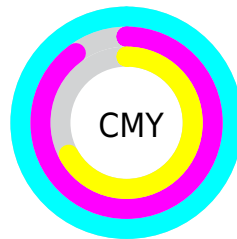
- Red (0%)
- Green (10%)
- Blue (33%)



- Red (0%)
- Yellow (7%)
- Blue (33%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001953 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 001953 by changing the saturation by 10% instead.

001953

001953

FFFBFF

00003C

3F4485

000225

595BA0

00010D

7473BB

000000

8E8DD7

AAA7F3

C6C2FF

E3DEFF

001953

■ 081F53

■ 112553

■ 192A53

■ 213053

■ 293653

■ 323C53

■ 3A4253

■ 424753

■ 4B4D53

Harmonies

Analogous

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



002458



001953



3A023F

Triad

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



001953



3F0C00



002A19

Complementary

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



001953



533A00

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.



002800



001953



2B1C00

Square

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



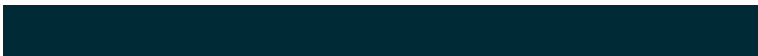
001953



4C0001



0F2400



002A36

Rectangle

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



001953



48002E



0F2400



002A0D

Sweetspot

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



001953



4B556B



005339



222836



B5B5B5



363636

Same Dimension

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



001953



00206B



0F0053



252629



001F69



0046E8

Inverse Universe

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



530019



6B0020



445300



292526



69001F



E80046

Previews

White Background



This preview shows how the Hex color 001953 looks on a white background.

Color Contrast Check

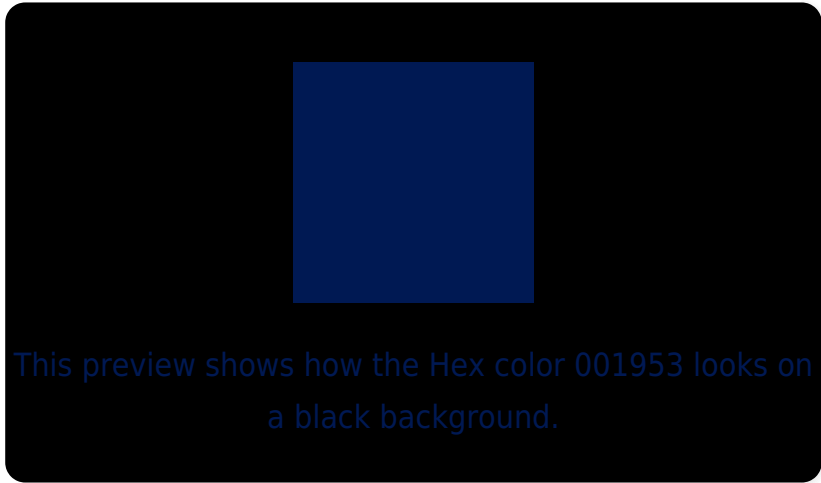
Large Text (above 18pt) WCAG AA ✓ Pass

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

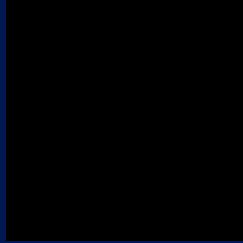
Any Text WCAG AA × Fail

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 001953 Background



This preview shows how black text looks on a background with the Hex color 001953.



This preview shows how white text looks on a background with the Hex color 001953.

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
001953

Protanopia
001F41

Deuteranopia
002137

Trichromacy



Original Color
001953

Protanomaly
001D48

Deuteranomaly
001E41

Tritanomaly
002036

Monochromacy



Original Color
001953

Achromatopsia
181818

Achromatomaly
0F182D

CSS Examples

Text

The CSS property to change the color of the text to Hex 001953 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 #001953 looks like.

```
.text, #text, p{  
    color:#001953  
}
```

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 #001953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001953
}
```

Border

The CSS property to change the border of an element to Hex 001953 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
#001953 }
```

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

```
.border{ border-color:#001953 }
```

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

Here you see how a box with a 4 pixel #001953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001953; -webkit-box-shadow:4px 4px  
4px 4px #001953; box-shadow:4px 4px 4px  
4px #001953 }
```

Background

The CSS property to change the background color of an element to Hex 001953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001953 }
```

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

```
.background{ background-color:#001953 }
```

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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