

Converting Colors

Hex(000D53)

Have a look what the booklet for
Hex(000D53) contains.

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Color

Hex(000D53)

Conversions

Conversions Part 1

Format	Color
Hex	000D53
RGB	0, 13, 83
RGB Percent	0%, 5%, 33%
CMY	1.0000, 0.9490, 0.6745
CMYK	1.00, 0.84, 0.00, 0.67
HSL	231°, 100%, 16%
HSV	231°, 100%, 33%
XYZ	1.7053, 0.9124, 8.2698
YIQ	17.0930, -30.2180, 19.0140

Conversions

Conversions Part 2

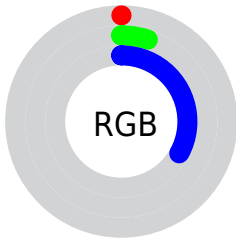
Format	Color
RYB	0, 11, 83
Decimal	3411
CIELab	8.24, 26.42, -42.91
CIELCh	8, 50.386, 301.618
Yxy	0.9124, 0.1566, 0.0838
Android (android.graphics.Color)	4278193491 (0xFF000D53)
YUV	17.0930, 32.4922, -14.9906
Hunter-Lab	9.5519, 15.1511, -44.6460

Details

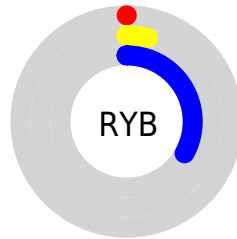
The Hex color **000D53** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **534600**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **403786**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **000D53**, and if you desaturate by 10%, it is **081453**.

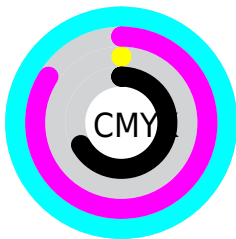
Distribution



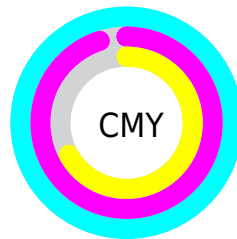
- Red (0%)
- Green (5%)
- Blue (33%)



- Red (0%)
- Yellow (4%)
- Blue (33%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (95%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000D53 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 000D53 by changing the saturation by 10% instead.

 000D53

 000D53

 FFECFF

 00003B

 403786


 000225

 5B4EA0

 00010D

 7666BB

 000000

 917FD7

 AD99F4

 C9B4FF

 E6D0FF

 000D53

■ 081453

■ 111B53

■ 192253

■ 212953

■ 293053

■ 323753

■ 3A3E53

■ 424553

■ 4B4C53

Harmonies

Analogous

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



001E5E



000D53



3E0039

Triad

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



000D53



370500



002419

Complementary

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



000D53



534600

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.



002300



000D53



1E1800

Square

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



000D53



480000



002100



00253B

Rectangle

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



000D53



4A0023



002100



00240B

Sweetspot

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



000D53



4B506B



005345



222536



B5B5B5



363636

Same Dimension

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



000D53



00116B



1C0053



252529



001069



0024E8

Inverse Universe

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



53000D



6B0011



375300



292525



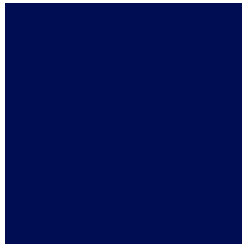
690010



E80024

Previews

White Background



This preview shows how the Hex color 000D53 looks on a white background.

Color Contrast Check

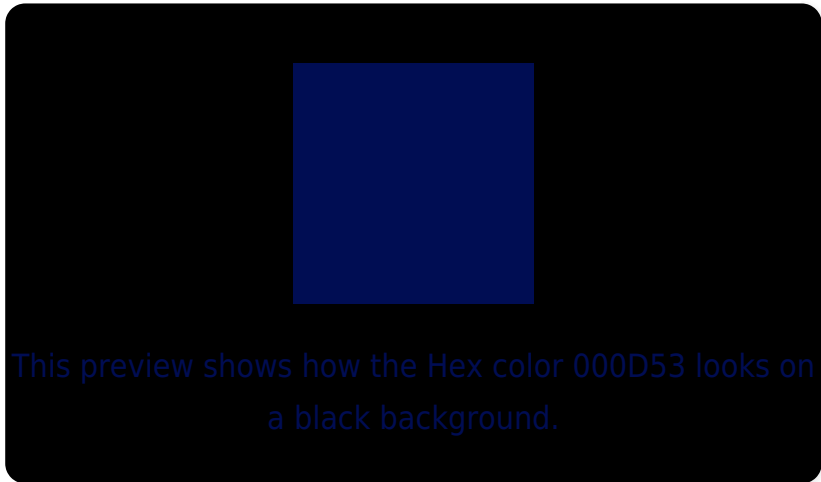
Large Text (above 18pt) WCAG AA ✓ Pass

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

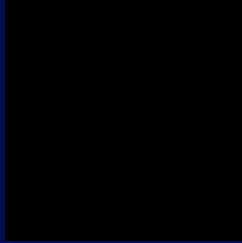
Any Text WCAG AA × Fail

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 000D53 Background



This preview shows how black text looks on a background with the Hex color 000D53.



This preview shows how white text looks on a background with the Hex color 000D53.

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
000D53

Protanopia
001A37

Deuteranopia
001C2E



Tritanopia
001E1F

Trichromacy



Original Color
000D53

Protanomaly
001541

Deuteranomaly
00173B

Tritanomaly
001832

Monochromacy



Original Color
000D53

Achromatopsia
111111

Achromatomaly
0B1029

CSS Examples

Text

The CSS property to change the color of the text to Hex 000D53 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 #000D53 looks like.

```
.text, #text, p{  
    color:#000D53  
}
```

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 #000D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000D53
}
```

Border

The CSS property to change the border of an element to Hex 000D53 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
#000D53 }
```

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

```
.border{ border-color:#000D53 }
```

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

Here you see how a box with a 4 pixel #000D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000D53; -webkit-box-shadow:4px 4px  
4px 4px #000D53; box-shadow:4px 4px 4px  
4px #000D53 }
```

Background

The CSS property to change the background color of an element to Hex 000D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000D53 }
```

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

```
.background{ background-color:#000D53 }
```

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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