

Converting Colors

Hex(002753)

Have a look what the booklet for
Hex(002753) contains.

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Color

Hex(002753)

Conversions

Conversions Part 1

Format	Color
Hex	002753
RGB	0, 39, 83
RGB Percent	0%, 15%, 33%
CMY	1.0000, 0.8471, 0.6745
CMYK	1.00, 0.53, 0.00, 0.67
HSL	212°, 100%, 16%
HSV	212°, 100%, 33%
XYZ	2.2869, 2.0756, 8.4637
YIQ	32.3550, -37.3680, 5.4160

Conversions

Conversions Part 2

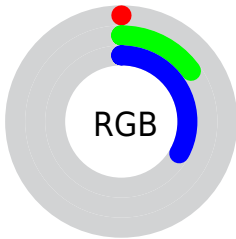
Format	Color
RYB	0, 27, 83
Decimal	10067
CIELab	15.88, 6.94, -30.39
CIELCh	16, 31.173, 282.856
Yxy	2.0756, 0.1783, 0.1618
Android (android.graphics.Color)	4278200147 (0xFF002753)
YUV	32.3550, 24.9680, -28.3753
Hunter-Lab	14.4068, 3.1220, -24.7468

Details

The Hex color **002753** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **532C00**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3E5385**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **002753**, and if you desaturate by 10%, it is **082B53**.

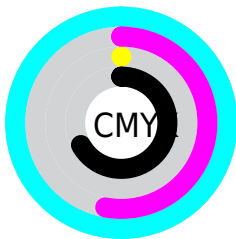
Distribution



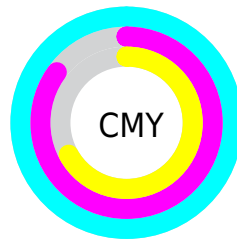
- Red (0%)
- Green (15%)
- Blue (33%)



- Red (0%)
- Yellow (11%)
- Blue (33%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (85%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002753 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 002753 by changing the saturation by 10% instead.

002753

002753

FEFFFF

00133C

3E5385

000226

586B9F

00010E

7285BA

000000

8D9FD6

A8B9F3

C4D5FF

E1F1FF

002753

■ 082B53

■ 113053

■ 193453

■ 213953

■ 293D53

■ 324153

■ 3A4653

■ 424A53

■ 4B4F53

Harmonies

Analogous

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



002E52



002753



341D48

Triad

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



002753



491707



00311A

Complementary

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



002753



532C00

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.



102E00



002753



3C2200

Square

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



002753



4E0F1F



2A2900



003131

Rectangle

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



002753



43153C



2A2900



003012

Sweetspot

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



002753



4B5A6B



00532B



222B36



B5B5B5



363636

Same Dimension

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



002753



00326B



010053



252729



003169



006DE8

Inverse Universe

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



530027



6B0032



525300



292527



690031



E8006D

Previews

White Background



This preview shows how the Hex color 002753 looks on a white background.

Color Contrast Check

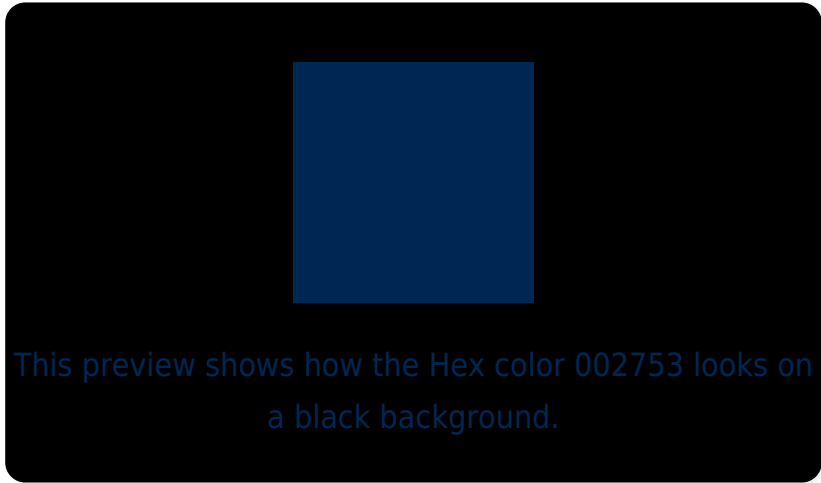
Large Text (above 18pt) WCAG AA ✓ Pass

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

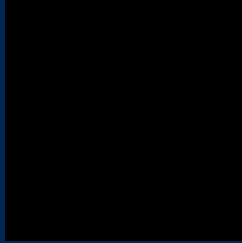
Any Text WCAG AA × Fail

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 002753 Background



This preview shows how black text looks on a background with the Hex color 002753.



This preview shows how white text looks on a background with the Hex color 002753.

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
002753

Protanopia
032753

Deuteranopia
002A48

Trichromacy



Original Color
002753

Protanomaly
022753

Deuteranomaly
00294C

Tritanomaly
002B3D

Monochromacy



Original Color
002753

Achromatopsia
202020

Achromatomaly
142333

CSS Examples

Text

The CSS property to change the color of the text to Hex 002753 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 #002753 looks like.

```
.text, #text, p{  
    color:#002753  
}
```

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 #002753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002753
}
```

Border

The CSS property to change the border of an element to Hex 002753 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
#002753 }
```

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

```
.border{ border-color:#002753 }
```

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

Here you see how a box with a 4 pixel #002753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002753; -webkit-box-shadow:4px 4px  
4px 4px #002753; box-shadow:4px 4px 4px  
4px #002753 }
```

Background

The CSS property to change the background color of an element to Hex 002753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002753 }
```

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

```
.background{ background-color:#002753 }
```

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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