

Converting Colors

Hex(001353)

Have a look what the booklet for
Hex(001353) contains.

Hex(001353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(001353)

Conversions

Conversions Part 1

Format	Color
Hex	001353
RGB	0, 19, 83
RGB Percent	0%, 7%, 33%
CMY	1.0000, 0.9255, 0.6745
CMYK	1.00, 0.77, 0.00, 0.67
HSL	226°, 100%, 16%
HSV	226°, 100%, 33%
XYZ	1.7942, 1.0903, 8.2995
YIQ	20.6150, -31.8680, 15.8760

Conversions

Conversions Part 2

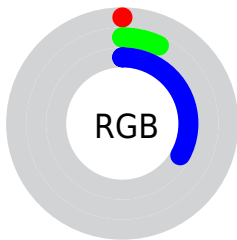
Format	Color
R_{YB}	0, 15, 83
Decimal	4947
CIE _{Lab}	9.72, 22.26, -40.45
CIE _{LCh}	10, 46.172, 298.825
Yxy	1.0903, 0.1604, 0.0975
Android (android.graphics.Color)	4278195027 (0xFF001353)
YUV	20.6150, 30.7558, -18.0794
Hunter-Lab	10.4416, 12.3991, -39.8173

Details

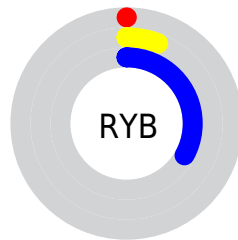
The Hex color **001353** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **534000**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **403D85**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **001353**, and if you desaturate by 10%, it is **081953**.

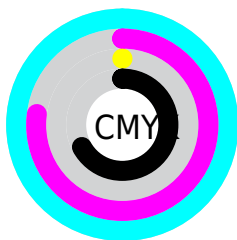
Distribution



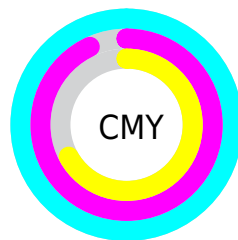
- Red (0%)
- Green (7%)
- Blue (33%)



- Red (0%)
- Yellow (6%)
- Blue (33%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001353 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 001353 by changing the saturation by 10% instead.

 001353

 001353

 FFF3FF

 00003C

 403D85

 000225

 5A54A0

 00010D

 756DBB

 000000

 9086D7

 ABA0F4

 C7BBFF

 E4D7FF

 001353

■ 081953

■ 112053

■ 192653

■ 212D53

■ 293353

■ 323953

■ 3A4053

■ 424653

■ 4B4D53

Harmonies

Analogous

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



00215B



001353



3C003C

Triad

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



001353



3B0800



002819

Complementary

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



001353



534000

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.



002700



001353



241A00

Square

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



001353



4A0000



002200



002939

Rectangle

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



001353



490028



002200



00270C

Sweetspot

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



001353



4B526B



005340



222736



B5B5B5



363636

Same Dimension

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



001353



00196B



160053



252629



001869



0035E8

Inverse Universe

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



530013



6B0019



3D5300



292526



690018



E80035

Previews

White Background



This preview shows how the Hex color 001353 looks on a white background.

Color Contrast Check

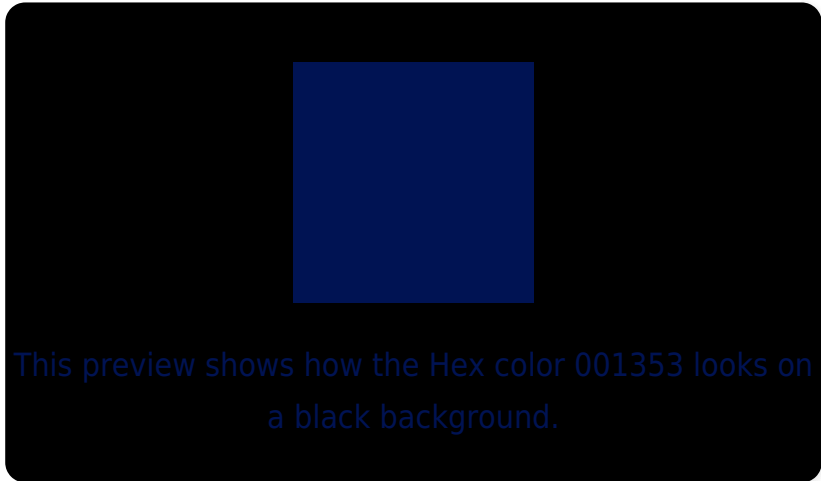
Large Text (above 18pt) WCAG AA ✓ Pass

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

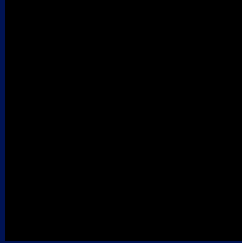
Any Text WCAG AA × Fail

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 001353 Background



This preview shows how black text looks on a background with the Hex color 001353.



This preview shows how white text looks on a background with the Hex color 001353.

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
001353

Protanopia
001C3B

Deuteranopia
001E32

Trichromacy



Original Color
001353

Protanomaly
001944

Deuteranomaly
001A3E

Tritanomaly
001B34

Monochromacy



Original Color
001353

Achromatopsia
151515

Achromatomaly
0D142C

CSS Examples

Text

The CSS property to change the color of the text to Hex 001353 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 #001353 looks like.

```
.text, #text, p{  
    color:#001353  
}
```

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 #001353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001353  
}
```

Border

The CSS property to change the border of an element to Hex 001353 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  
#001353 }
```

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

```
.border{ border-color:#001353 }
```

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

Here you see how a box with a 4 pixel #001353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001353; -webkit-box-shadow:4px 4px  
4px 4px #001353; box-shadow:4px 4px 4px  
4px #001353 }
```

Background

The CSS property to change the background color of an element to Hex 001353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001353 }
```

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

```
.background{ background-color:#001353 }
```

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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