

Converting Colors

Hex(001555)

Have a look what the booklet for
Hex(001555) contains.

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Color

Hex(001555)

Conversions

Conversions Part 1

Format	Color
Hex	001555
RGB	0, 21, 85
RGB Percent	0%, 8%, 33%
CMY	1.0000, 0.9176, 0.6667
CMYK	1.00, 0.75, 0.00, 0.67
HSL	225°, 100%, 17%
HSV	225°, 100%, 33%
XYZ	1.9079, 1.1922, 8.7239
YIQ	22.0170, -33.0600, 15.4520

Conversions

Conversions Part 2

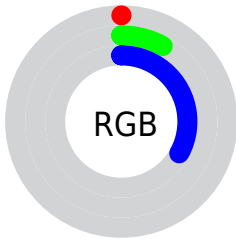
Format	Color
R_{YB}	0, 17, 85
Decimal	5461
CIE _{Lab}	10.50, 21.66, -40.53
CIE _{LCh}	10, 45.957, 298.122
Yxy	1.1922, 0.1614, 0.1008
Android (android.graphics.Color)	4278195541 (0xFF001555)
YUV	22.0170, 31.0506, -19.3089
Hunter-Lab	10.9188, 12.0815, -39.7282

Details

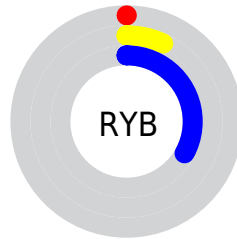
The Hex color **001555** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **554000**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **403F88**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **001555**, and if you desaturate by 10%, it is **081B55**.

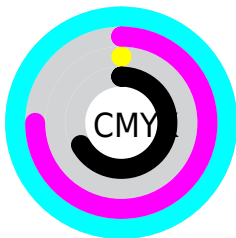
Distribution



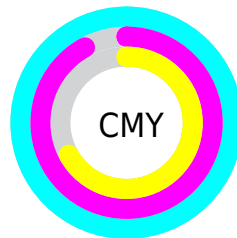
- Red (0%)
- Green (8%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (92%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001555 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 001555 by changing the saturation by 10% instead.

 001555

 001555

 FFF6FF

 00003E

 403F88

 000327

 5B56A2

 000110

 756FBD

 000000

 9088D9

 ACA3F6

 C8BEFF

 E5D9FF

 001555

■ 081B55

■ 112255

■ 192855

■ 222F55

■ 2A3555

■ 333B55

■ 3B4255

■ 444855

■ 4C4F55

Harmonies

Analogous

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



00225D



001555



3D003E

Triad

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



001555



3D0900



002A19

Complementary

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



001555



554000

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



001555



271B00

Square

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



001555



4C0000



012300



002A39

Rectangle

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



001555



4B002A



012300



00290D

Sweetspot

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



001555



4D556E



005540



242938



B8B8B8



383838

Same Dimension

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



001555



001B6E



150055



27282B



001A6B



003AEB

Inverse Universe

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



550015



6E001B



405500



2B2728



6B001A



EB003A

Previews

White Background



This preview shows how the Hex color 001555 looks on a white background.

Color Contrast Check

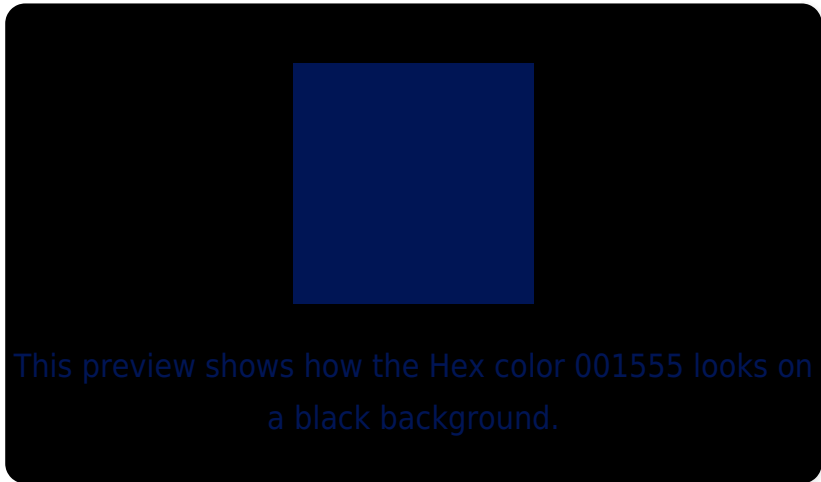
Large Text (above 18pt) WCAG AA ✓ Pass

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

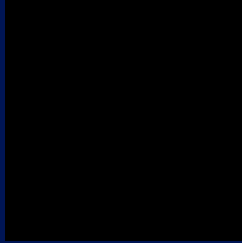
Any Text WCAG AA × Fail

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 001555 Background



This preview shows how black text looks on a background with the Hex color 001555.



This preview shows how white text looks on a background with the Hex color 001555.

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
001555

Protanopia
001D3E

Deuteranopia
001F35

Trichromacy



Original Color
001555

Protanomaly
001A46

Deuteranomaly
001B41

Tritanomaly
001D36

Monochromacy



Original Color
001555

Achromatopsia
161616

Achromatomaly
0E162D

CSS Examples

Text

The CSS property to change the color of the text to Hex 001555 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 #001555 looks like.

```
.text, #text, p{  
    color:#001555  
}
```

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 #001555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001555
}
```

Border

The CSS property to change the border of an element to Hex 001555 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
#001555 }
```

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

```
.border{ border-color:#001555 }
```

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

Here you see how a box with a 4 pixel #001555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001555; -webkit-box-shadow:4px 4px  
4px 4px #001555; box-shadow:4px 4px 4px  
4px #001555 }
```

Background

The CSS property to change the background color of an element to Hex 001555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001555 }
```

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

```
.background{ background-color:#001555 }
```

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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