

Converting Colors

Hex(010154)

Have a look what the booklet for
Hex(010154) contains.

Hex(010154)	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(010154)

Conversions

Conversions Part 1

Format	Color
Hex	010154
RGB	1, 1, 84
RGB Percent	0%, 0%, 33%
CMY	0.9961, 0.9961, 0.6706
CMYK	0.99, 0.99, 0.00, 0.67
HSL	240°, 98%, 17%
HSV	240°, 99%, 33%
XYZ	1.6236, 0.6683, 8.4309
YIQ	10.4620, -26.6430, 25.8130

Conversions

Conversions Part 2

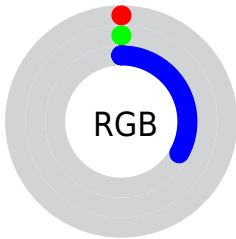
Format	Color
RYB	1, 1, 84
Decimal	65876
CIELab	6.04, 33.79, -47.25
CIELCh	6, 58.088, 305.566
Yxy	0.6683, 0.1514, 0.0623
Android (android.graphics.Color)	4278255956 (0xFF010154)
YUV	10.4620, 36.2542, -8.2982
Hunter-Lab	8.1747, 21.1469, -55.4262

Details

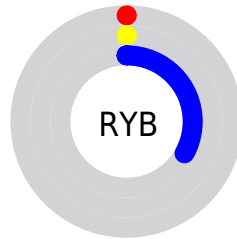
The Hex color **010154** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **545401**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **422D87**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **000054**, and if you desaturate by 10%, it is **090954**.

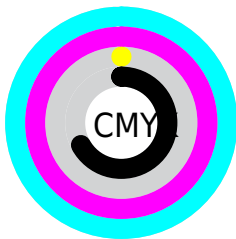
Distribution



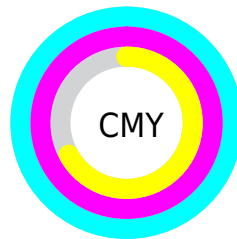
- Red (0%)
- Green (0%)
- Blue (33%)



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



- Cyan (99%)
- Magenta (99%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 010154 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 010154 by changing the saturation by 10% instead.

010154

010154

FFE1FF

00003C

422D87

000225

5D44A1

00010E

785CBD

000000

9475D9

B08FF6

CCA9FF

E9C5FF

010154

010154

■ 000054

■ 090954

■ 121254

■ 1A1A54

■ 232354

■ 2B2B54

■ 333354

■ 3C3C54

■ 444454

■ 4D4D54

Harmonies

Analogous

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



001963



010154



410034

Triad

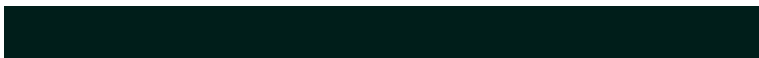
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



010154



310000



001E1A

Complementary

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



010154



545401

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.



001D00



010154



121500

Square

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



010154



460000



001D00



002040

Rectangle

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



010154



4C001B



001D00



001E0A

Sweetspot

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



010154



4D4D6E



015454



242438



B8B8B8



383838

Same Dimension

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



010154



00006E



2A0154



252529



000069



0000E8

Inverse Universe

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



540154



6E006E



2A5401



292529



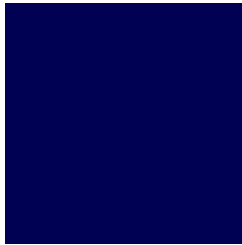
690069



E800E8

Previews

White Background



This preview shows how the Hex color 010154 looks on a white background.

Color Contrast Check

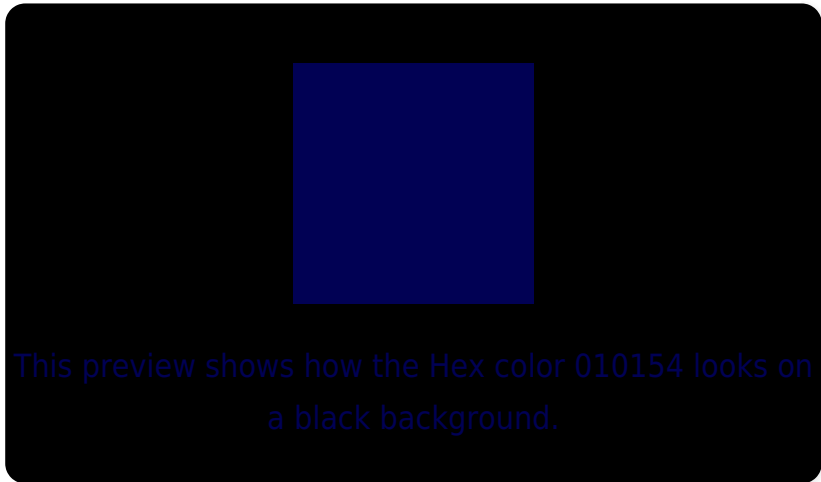
Large Text (above 18pt) WCAG AA ✓ Pass

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

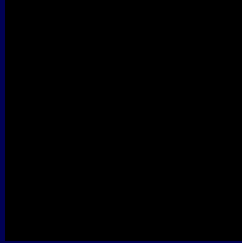
Any Text WCAG AA × Fail

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 010154 Background



This preview shows how black text looks on a background with the Hex color 010154.



This preview shows how white text looks on a background with the Hex color 010154.

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
010154

Protanopia
001933

Deuteranopia
001A2C



Tritanopia
001C1D

Trichromacy



Original Color

010154

Protanomaly

00103F

Deuteranomaly

00113B

Tritanomaly

001231

Monochromacy



Original Color

010154

Achromatopsia

0A0A0A

Achromatomaly

070725

CSS Examples

Text

The CSS property to change the color of the text to Hex 010154 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 #010154 looks like.

```
.text, #text, p{  
    color:#010154  
}
```

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 #010154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010154
}
```

Border

The CSS property to change the border of an element to Hex 010154 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
#010154 }
```

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

```
.border{ border-color:#010154 }
```

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

Here you see how a box with a 4 pixel #010154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010154; -webkit-box-shadow:4px 4px  
4px 4px #010154; box-shadow:4px 4px 4px  
4px #010154 }
```

Background

The CSS property to change the background color of an element to Hex 010154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010154 }
```

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

```
.background{ background-color:#010154 }
```

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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