

# Converting Colors

Hex(081152)

Have a look what the booklet for  
Hex(081152) contains.

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# Color

**Hex(081152)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 081152                     |
| RGB         | 8, 17, 82                  |
| RGB Percent | 3%, 7%, 32%                |
| CMY         | 0.9686, 0.9333, 0.6784     |
| CMYK        | 0.90, 0.79, 0.00, 0.68     |
| HSL         | 233°, 82%, 18%             |
| HSV         | 233°, 90%, 32%             |
| XYZ         | 1.8236, 1.0617, 8.0915     |
| YIQ         | 21.7190, -26.2290, 18.3070 |

# Conversions

## Conversions Part 2

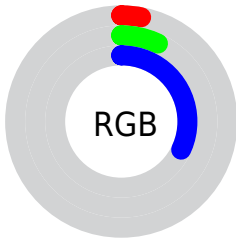
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">8, 16, 82</a>                      |
| Decimal                             | <a href="#">528722</a>                         |
| CIELab                              | <a href="#">9.50, 23.96, -40.13</a>            |
| CIELCh                              | <a href="#">9, 46.737, 300.842</a>             |
| Yxy                                 | <a href="#">1.0617, 0.1661,<br/>0.0967</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4278718802<br/>(0xFF081152)</a>    |
| YUV                                 | <a href="#">21.7190, 29.7185,<br/>-12.0316</a> |
| Hunter-Lab                          | <a href="#">10.3040, 13.5587,<br/>-39.3462</a> |

# Details

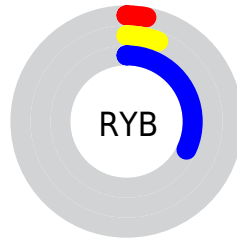
The Hex color **081152** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **524908**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **433B84**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **000A52**, and if you desaturate by 10%, it is **101852**.

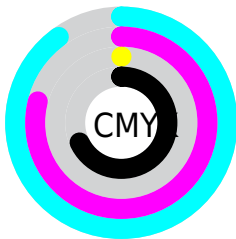
# Distribution



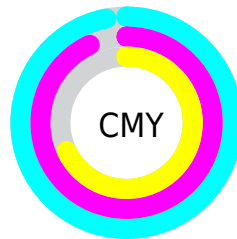
- Red (3%)
- Green (7%)
- Blue (32%)



- Red (3%)
- Yellow (6%)
- Blue (32%)



- Cyan (90%)
- Magenta (79%)
- Yellow (0%)
- Black (68%)



- Cyan (97%)
- Magenta (93%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 081152 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 081152 by changing the saturation by 10% instead.



 081152

 081152

 FFF1FF

 00003B

 433B84

 000224

 5E529F

 00000C

 786BBA

 000000

 9384D6

 AF9EF3

 CBB9FF

 E8D5FF

 081152

 081152

■ 000A52

■ 101852

■ 181F52

■ 212752

■ 292E52

■ 313552

■ 393C52

■ 414352

■ 4A4B52

■ 525252

# Harmonies

## Analogous

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



00205B



081152



3E003A

# Triad

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



081152



390900



00271A

# Complementary

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



081152



524908

# 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



081152



221A00

# Square

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



081152



490000



002200



00283A

# Rectangle

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



081152



4A0026



002200



00270E



# Sweetspot

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



081152



4E526B



085248



242636



B5B5B5



363636



# Same Dimension

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



081152



000D6B



230852



252529



000D69



001CE8



# Inverse Universe

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



520811



6B000D



375208



292525



69000D

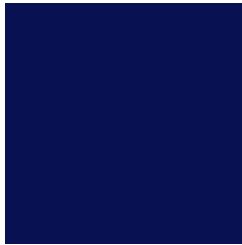


E8001C



# Previews

## White Background



This preview shows how the Hex color 081152 looks on a white background.

## Color Contrast Check

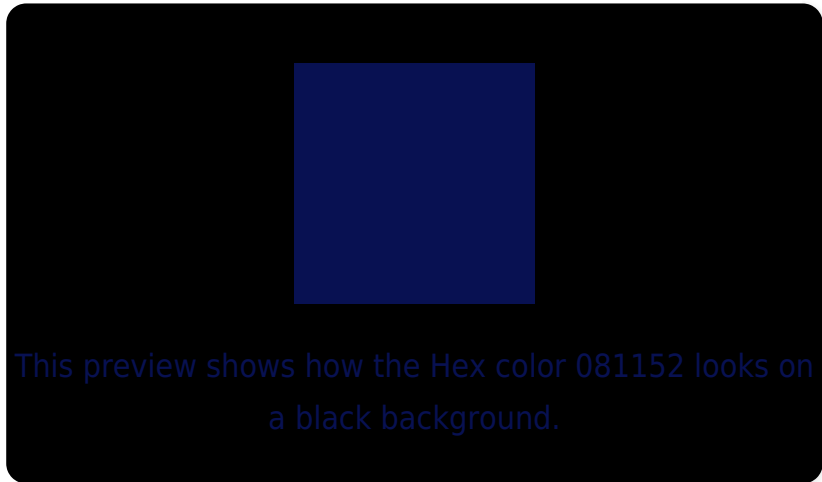
Large Text (above 18pt) WCAG AA ✓ Pass

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

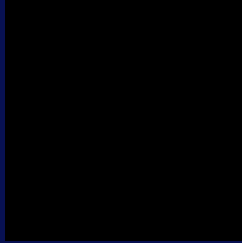
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 081152 Background



This preview shows how black text looks on a background with the Hex color 081152.



This preview shows how white text looks on a background with the Hex color 081152.

# 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**  
081152

**Protanopia**  
001B39

**Deuteranopia**  
001D31



**Tritanopia**  
001F21

# Trichromacy



**Original Color**  
081152

**Protanomaly**  
031742

**Deuteranomaly**  
03193D

**Tritanomaly**  
031A33

# Monochromacy



**Original Color**  
081152

**Achromatopsia**  
161616

**Achromatomaly**  
11142C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 081152 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 #081152 looks like.

```
.text, #text, p{  
    color:#081152  
}
```

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 #081152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081152
}
```

## Border

The CSS property to change the border of an element to Hex 081152 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
#081152 }
```

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

```
.border{ border-color:#081152 }
```

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

Here you see how a box with a 4 pixel #081152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081152; -webkit-box-shadow:4px 4px  
4px 4px #081152; box-shadow:4px 4px 4px  
4px #081152 }
```

# Background

The CSS property to change the background color of an element to Hex 081152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081152 }
```

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

```
.background{ background-color:#081152 }
```

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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