

# Converting Colors

Hex(081955)

Have a look what the booklet for  
Hex(081955) contains.

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# Color

**Hex(081955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	081955
RGB	8, 25, 85
RGB Percent	3%, 10%, 33%
CMY	0.9686, 0.9020, 0.6667
CMYK	0.91, 0.71, 0.00, 0.67
HSL	227°, 83%, 18%
HSV	227°, 91%, 33%
XYZ	2.0875, 1.4028, 8.7551
YIQ	26.7570, -29.3920, 15.0560

# Conversions

## Conversions Part 2

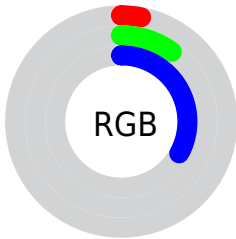
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 22, 85
Decimal	530773
CIE <sub>Lab</sub>	11.98, 19.44, -38.09
CIE <sub>LCh</sub>	12, 42.761, 297.034
Yxy	1.4028, 0.1705, 0.1146
Android (android.graphics.Color)	4278720853 (0xFF081955)
YUV	26.7570, 28.7138, -16.4499
Hunter-Lab	11.8438, 10.7338, -35.5370

# Details

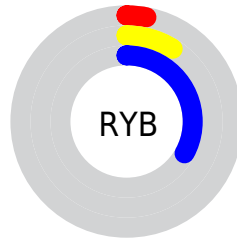
The Hex color **081955** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **554408**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **434487**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **001355**, and if you desaturate by 10%, it is **102055**.

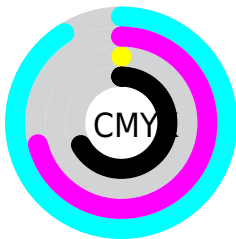
# Distribution



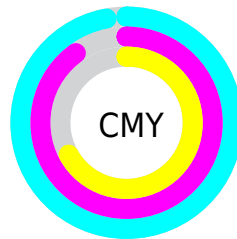
- Red (3%)
- Green (10%)
- Blue (33%)



- Red (3%)
- Yellow (9%)
- Blue (33%)



- Cyan (91%)
- Magenta (71%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (90%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 081955 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 081955 by changing the saturation by 10% instead.



081955

081955

FFFBFF

00003D

434487

000327

5E5BA2

000110

7874BD

000000

938DD9

AFA8F6

CBC3FF

E8DFFF

081955

081955

■ 001355

■ 102055

■ 192655

■ 212D55

■ 2A3355

■ 323A55

■ 3B4155

■ 434755

■ 4C4E55

■ 545555

# Harmonies

## Analogous

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



00255C



081955



3E0140

# Triad

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



081955



400E00



002C1B

# Complementary

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



081955



554408

# 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.



002900



081955



2B1E00

# Square

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



081955



4E0000



0D2500



002C3A

# Rectangle

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



081955



4B002D



0D2500



002B11



# Sweetspot

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



081955



50576E



085543



262A38



B8B8B8



383838



# Same Dimension

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



081955



00186E



1D0855



27282B



00186B



0034EB



# Inverse Universe

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



550819



6E0018



405508



2B2728



6B0018



EB0034



# Previews

## White Background



This preview shows how the Hex color 081955 looks on a white background.

## Color Contrast Check

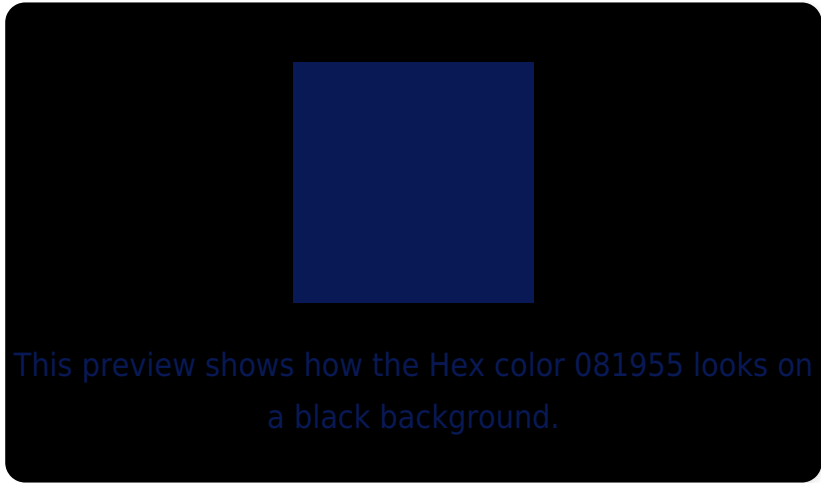
Large Text (above 18pt) WCAG AA ✓ Pass

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

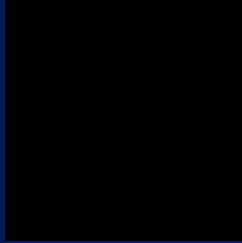
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 081955 Background



This preview shows how black text looks on a background with the Hex color 081955.



This preview shows how white text looks on a background with the Hex color 081955.

# 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**  
081955

**Protanopia**  
001F42

**Deuteranopia**  
002238



# Trichromacy



**Original Color**  
081955

**Protanomaly**  
031D49

**Deuteranomaly**  
031F43

**Tritanomaly**  
032037

# Monochromacy



**Original Color**  
081955

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
141A30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 081955 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 #081955 looks like.

```
.text, #text, p{  
    color:#081955  
}
```

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 #081955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081955  
}
```

## Border

The CSS property to change the border of an element to Hex 081955 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  
#081955 }
```

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

```
.border{ border-color:#081955 }
```

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

Here you see how a box with a 4 pixel #081955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081955; -webkit-box-shadow:4px 4px  
4px 4px #081955; box-shadow:4px 4px 4px  
4px #081955 }
```

# Background

The CSS property to change the background color of an element to Hex 081955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081955 }
```

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

```
.background{ background-color:#081955 }
```

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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