

Converting Colors

Hex(0D1135)

Have a look what the booklet for
Hex(0D1135) contains.

Hex(0D1135)	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(0D1135)

Conversions

Conversions Part 1

Format	Color
Hex	0D1135
RGB	13, 17, 53
RGB Percent	5%, 7%, 21%
CMY	0.9490, 0.9333, 0.7922
CMYK	0.75, 0.68, 0.00, 0.79
HSL	234°, 61%, 13%
HSV	234°, 75%, 21%
XYZ	1.0090, 0.7435, 3.4585
YIQ	19.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

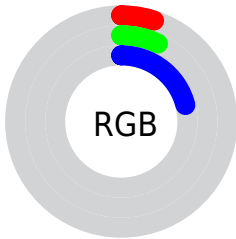
Format	Color
R_{YB}	13, 17, 53
Decimal	856373
CIE Lab	6.72, 11.98, -24.17
CIE LCh	7, 26.978, 296.355
Yxy	0.7435, 0.1936, 0.1427
Android (android.graphics.Color)	4279046453 (0xFF0D1135)
YUV	19.9080, 16.3144, -6.0583
Hunter-Lab	8.6227, 5.7985, -17.7449

Details

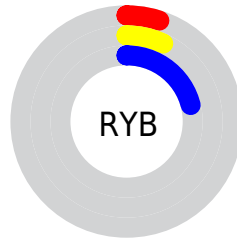
The Hex color **0D1135** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **35310D**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **3C3B64**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **080C35**, and if you desaturate by 10%, it is **121635**.

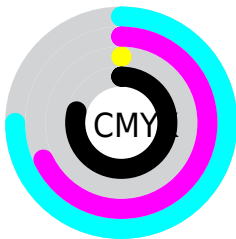
Distribution



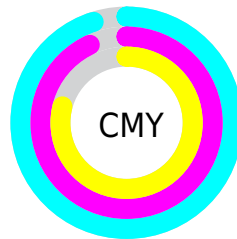
- Red (5%)
- Green (7%)
- Blue (21%)



- Red (5%)
- Yellow (7%)
- Blue (21%)



- Cyan (75%)
- Magenta (68%)
- Yellow (0%)
- Black (79%)



- Cyan (95%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1135 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 0D1135 by changing the saturation by 10% instead.

0D1135

0D1135

F6F0FF

000220

3C3B64

000003

54527D

000000

6D6A97

8783B2

A29DCE

BDB8EA

D9D4FF

0D1135

0D1135

■ 080C35

■ 121635

■ 020735

■ 181B35

■ 000535

■ 1D1F35

■ 222435

■ 282935

■ 2D2E35

■ 323235

■ 373735

■ 3D3C35

Harmonies

Analogous

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



001839



0D1135



280729

Triad

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



0D1135



2B0B00



001F11

Complementary

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



0D1135



35310D

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



0D1135



1E1300

Square

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



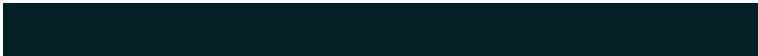
0D1135



330200



071900



001F24

Rectangle

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



0D1135



30011E



071900



001F08

Sweetspot

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



0D1135



353745



0D3531



1A1B24



A3A3A3



242424

Same Dimension

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



0D1135



060C45



1D0D35



17171A



000959



0016D9

Inverse Universe

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



350D11



45060C



25350D



1A1717



590009



D90016

Previews

White Background



This preview shows how the Hex color 0D1135 looks on a white background.

Color Contrast Check

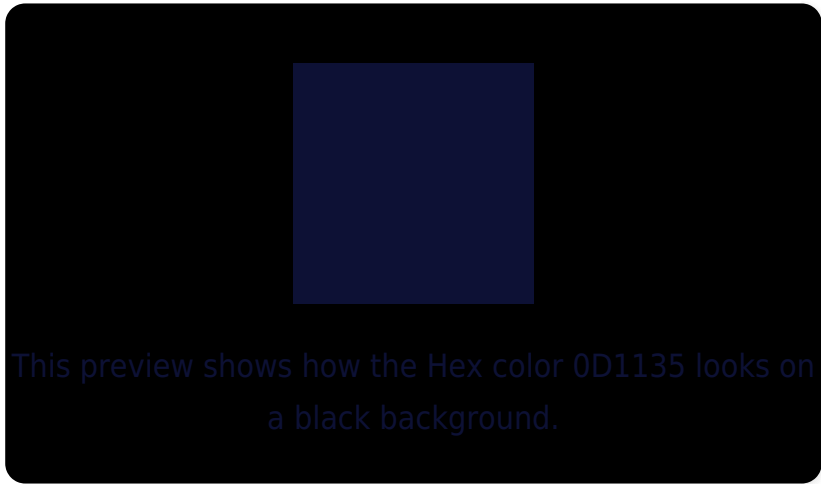
Large Text (above 18pt) WCAG AA ✓ Pass

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

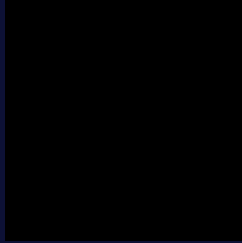
Any Text WCAG AA × Fail

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 0D1135 Background



This preview shows how black text looks on a background with the Hex color 0D1135.



This preview shows how white text looks on a background with the Hex color 0D1135.

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
0D1135

Protanopia
00152C

Deuteranopia
001626



Tritanopia
00181A

Trichromacy



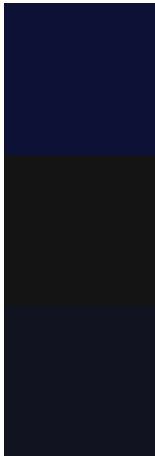
Original Color
0D1135

Protanomaly
05142F

Deuteranomaly
05142B

Tritanomaly
051524

Monochromacy



Original Color
0D1135

Achromatopsia
141414

Achromatomaly
111320

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1135 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 #0D1135 looks like.

```
.text, #text, p{  
    color:#0D1135  
}
```

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 #0D1135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1135
}
```

Border

The CSS property to change the border of an element to Hex 0D1135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

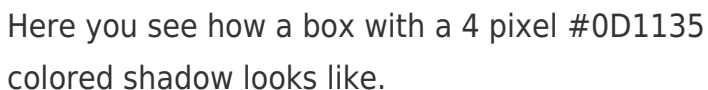
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D1135 }
```

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

```
.border{ border-color:#0D1135 }
```

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



Here you see how a box with a 4 pixel #0D1135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1135; -webkit-box-shadow:4px 4px  
4px 4px #0D1135; box-shadow:4px 4px 4px  
4px #0D1135 }
```

Background

The CSS property to change the background color of an element to Hex 0D1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1135 }
```

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

```
.background{ background-color:#0D1135 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor