

Converting Colors

Hex(000965)

Have a look what the booklet for
Hex(000965) contains.

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Color

Hex(000965)

Conversions

Conversions Part 1

Format	Color
Hex	000965
RGB	0, 9, 101
RGB Percent	0%, 4%, 40%
CMY	1.0000, 0.9647, 0.6039
CMYK	1.00, 0.91, 0.00, 0.60
HSL	235°, 100%, 20%
HSV	235°, 100%, 40%
XYZ	2.4467, 1.1350, 12.4020
YIQ	16.7970, -34.8960, 26.7040

Conversions

Conversions Part 2

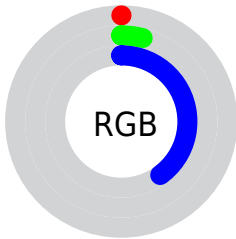
Format	Color
RYB	0, 8, 101
Decimal	2405
CIELab	10.07, 35.27, -52.00
CIELCh	10, 62.834, 304.145
Yxy	1.1350, 0.1531, 0.0710
Android (android.graphics.Color)	4278192485 (0xFF000965)
YUV	16.7970, 41.5121, -14.7310
Hunter-Lab	10.6534, 22.3504, -61.5641

Details

The Hex color **000965** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **655C00**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **483599**, and **000535** is the 20% darker color. If you saturate the color by 10%, you get **000965**, and if you desaturate by 10%, it is **0A1265**.

Distribution



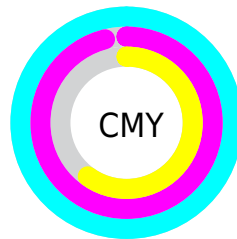
- Red (0%)
- Green (4%)
- Blue (40%)



- Red (0%)
- Yellow (3%)
- Blue (40%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000965 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 000965 by changing the saturation by 10% instead.

000965

000965

FFECFF

00004D

483599

000535

644DB4

00021E

7F65D0

000001

9B7FED

000000

B899FF

D5B4FF

F2D0FF

000965

■ 0A1265

■ 141B65

■ 1E2565

■ 282E65

■ 333765

■ 3D4065

■ 474965

■ 515365

■ 5B5C65

Harmonies

Analogous

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



002375



000965



4E0042

Triad

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



000965



3F0400



002921

Complementary

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



000965



655C00

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



000965



1F1D00

Square

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



000965



560000



002600



002B4C

Rectangle

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



000965



5B0026



002600



002811

Sweetspot

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



000965



5B5F82



00655B



2A2D42



C2C2C2



424242

Same Dimension

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



000965



000C82



280065



2E2E33



000A73



0016F2

Inverse Universe

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



650009



82000C



3D6500



332E2E



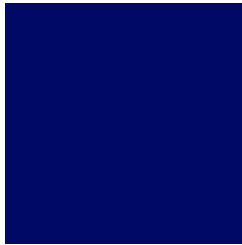
73000A



F20016

Previews

White Background



This preview shows how the Hex color 000965 looks on a white background.

Color Contrast Check

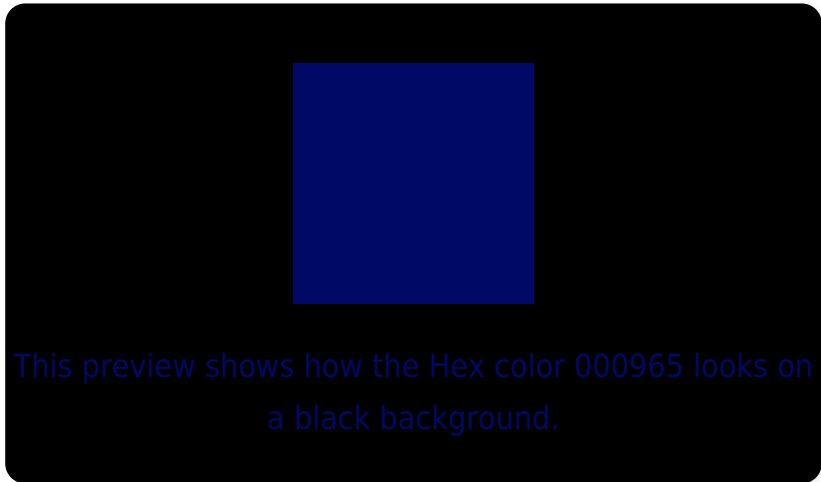
Large Text (above 18pt) WCAG AA ✓ Pass

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

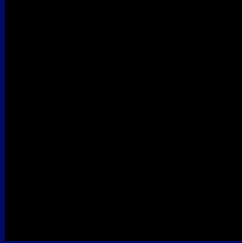
Any Text WCAG AA × Fail

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 000965 Background



This preview shows how black text looks on a background with the Hex color 000965.



This preview shows how white text looks on a background with the Hex color 000965.

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
000965

Protanopia
001E3F

Deuteranopia
002036

Trichromacy



Original Color
000965

Protanomaly
00164D

Deuteranomaly
001847

Tritanomaly
001A3C

Monochromacy



Original Color
000965

Achromatopsia
111111

Achromatomaly
0B0E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 000965 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 #000965 looks like.

```
.text, #text, p{  
    color:#000965  
}
```

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 #000965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000965
}
```

Border

The CSS property to change the border of an element to Hex 000965 is called "border". The border property can be set on classes, ids or directly on the HTML element.

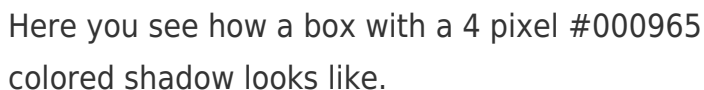
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000965 }
```

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

```
.border{ border-color:#000965 }
```

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



Here you see how a box with a 4 pixel #000965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000965; -webkit-box-shadow:4px 4px  
4px 4px #000965; box-shadow:4px 4px 4px  
4px #000965 }
```

Background

The CSS property to change the background color of an element to Hex 000965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000965 }
```

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

```
.background{ background-color:#000965 }
```

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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