

Converting Colors

Hex(000065)

Have a look what the booklet for
Hex(000065) contains.

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Color

Hex(000065)

Conversions

Conversions Part 1

Format	Color
Hex	000065
RGB	0, 0, 101
RGB Percent	0%, 0%, 40%
CMY	1.0000, 1.0000, 0.6039
CMYK	1.00, 1.00, 0.00, 0.60
HSL	240°, 100%, 20%
HSV	240°, 100%, 40%
XYZ	2.3490, 0.9396, 12.3695
YIQ	11.5140, -32.4210, 31.4110

Conversions

Conversions Part 2

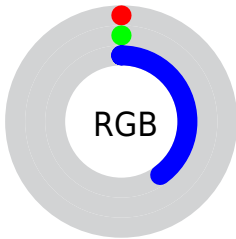
Format	Color
RYB	0, 0, 101
Decimal	101
CIELab	8.48, 40.13, -54.66
CIELCh	8, 67.812, 306.287
Yxy	0.9396, 0.1500, 0.0600
Android (android.graphics.Color)	4278190181 (0xFF000065)
YUV	11.5140, 44.1166, -10.0978
Hunter-Lab	9.6932, 26.2929, -68.8744

Details

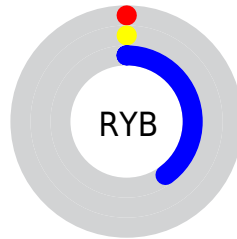
The Hex color **000065** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **656500**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **492D99**, and **000534** is the 20% darker color. If you saturate the color by 10%, you get **000065**, and if you desaturate by 10%, it is **0A0A65**.

Distribution



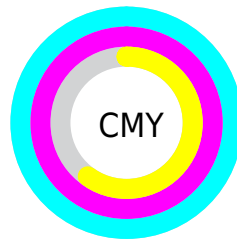
- Red (0%)
- Green (0%)
- Blue (40%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 000065 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 000065 by changing the saturation by 10% instead.

 000065

 000065

 FFE4FF


 00004C

 492D99

 000534

 6545B5

 00021E

 815ED1

 000001

 9D77ED

 000000

 BA91FF

 D7ACFF

 F4C8FF

 000065

■ 0A0A65

■ 141465

■ 1E1E65

■ 282865

■ 333365

■ 3D3D65

■ 474765

■ 515165

■ 5B5B65

Harmonies

Analogous

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



002078



000065



4F003E

Triad

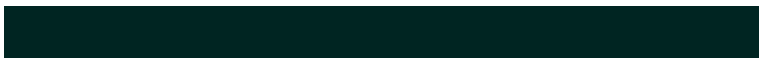
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000065



3B0100



002522

Complementary

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



000065



656500

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.



002400



000065



171B00

Square

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



000065



530000



002400



00284F

Rectangle

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



000065



5C0021



002400



002411

Sweetspot

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



000065



5B5B82



006565



2A2A42



C2C2C2



424242

Same Dimension

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



000065



000082



330065



2E2E33



000073



0000F2

Inverse Universe

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



650065



820082



336500



332E33



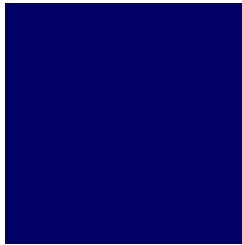
730073



F200F2

Previews

White Background



This preview shows how the Hex color 000065 looks on a white background.

Color Contrast Check

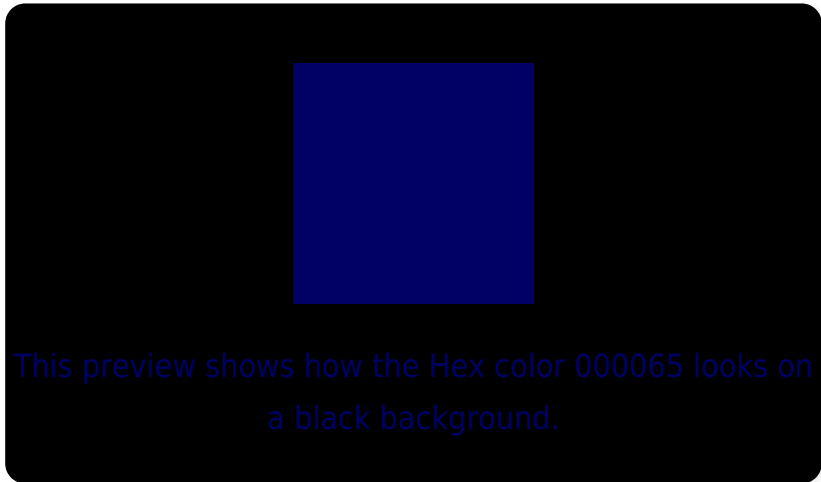
Large Text (above 18pt) WCAG AA ✓ Pass

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

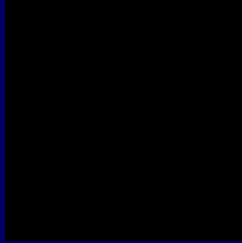
Any Text WCAG AA × Fail

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 000065 Background



This preview shows how black text looks on a background with the Hex color 000065.



This preview shows how white text looks on a background with the Hex color 000065.

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
000065

Protanopia
001D3E

Deuteranopia
002034

Trichromacy



Original Color
000065

Protanomaly
00124C

Deuteranomaly
001446

Tritanomaly
00163B

Monochromacy



Original Color
000065

Achromatopsia
0C0C0C

Achromatomaly
08082C

CSS Examples

Text

The CSS property to change the color of the text to Hex 000065 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 #000065 looks like.

```
.text, #text, p{  
    color:#000065  
}
```

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 #000065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000065
}
```

Border

The CSS property to change the border of an element to Hex 000065 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
#000065 }
```

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

```
.border{ border-color:#000065 }
```

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

Here you see how a box with a 4 pixel #000065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000065; -webkit-box-shadow:4px 4px  
4px 4px #000065; box-shadow:4px 4px 4px  
4px #000065 }
```

Background

The CSS property to change the background color of an element to Hex 000065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000065 }
```

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

```
.background{ background-color:#000065 }
```

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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