

# Converting Colors

Hex(004111)

Have a look what the booklet for  
Hex(004111) contains.

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# Color

**Hex(004111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004111
RGB	0, 65, 17
RGB Percent	0%, 25%, 7%
CMY	1.0000, 0.7451, 0.9333
CMYK	1.00, 0.00, 0.74, 0.75
HSL	136°, 100%, 13%
HSV	136°, 100%, 25%
XYZ	1.9915, 3.8211, 1.1629
YIQ	40.0930, -23.3320, -28.7080

# Conversions

## Conversions Part 2

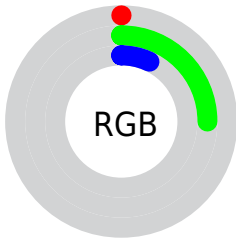
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 52, 65
Decimal	16657
CIELab	23.07, -30.57, 23.32
CIELCh	23, 38.446, 142.660
Yxy	3.8211, 0.2855, 0.5478
Android (android.graphics.Color)	4278206737 (0xFF004111)
YUV	40.0930, -11.3848, -35.1616
Hunter-Lab	19.5475, -16.0229, 10.1561

# Details

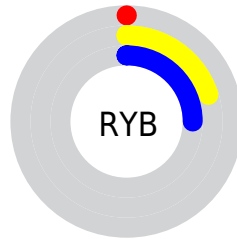
The Hex color **004111** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **410030**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **39723E**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **004111**, and if you desaturate by 10%, it is **064116**.

# Distribution



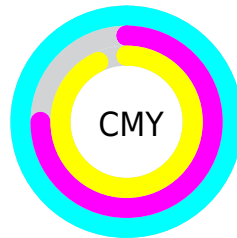
- Red (0%)
- Green (25%)
- Blue (7%)



- Red (0%)
- Yellow (20%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004111 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 004111 by changing the saturation by 10% instead.



 004111

 004111

 F7FFF6

 002A00

 39723E

 001300

 538C55

 000000

 6CA66E

 87C287

 A2DEA2

 BDFABD

 DAFFD9

 004111

■ 064116

■ 0D411B

■ 14411F

■ 1A4124

■ 214129

■ 27412E

■ 2D4133

■ 344137

■ 3B413C

# Harmonies

## Analogous

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



303C00



004111



00432F

# Triad

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



004111



003D70



691A23

# Complementary

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



004111



410030

# 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.



66183F



004111



26336C

# Square

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



004111



004264



52245A



5E2707

# Rectangle

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



004111



004443



52245A



69172C



# Sweetspot

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



004111



3B5442



314100



1C2B20



ABABAB



2B2B2B



# Same Dimension

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



004111



005416



004131



1E211F



006119



00E03B



# Inverse Universe

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



410030



54003E



410010



211E20



610048



E000A6



# Previews

## White Background



This preview shows how the Hex color 004111 looks on a white background.

## Color Contrast Check

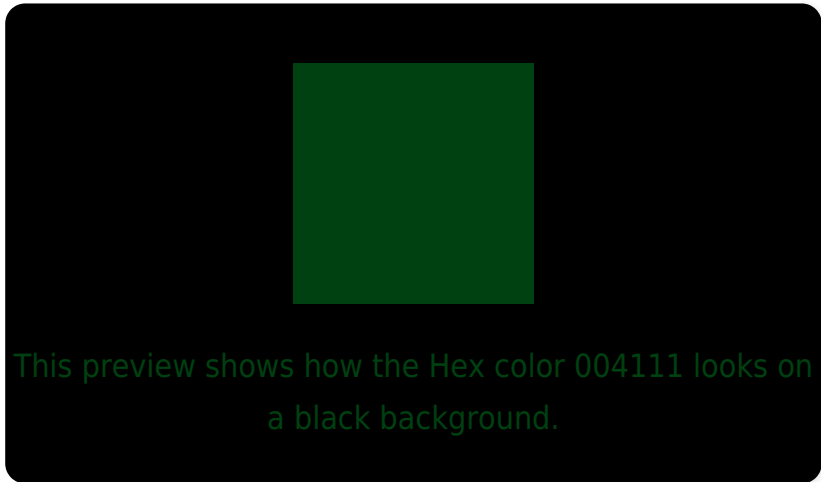
Large Text (above 18pt) WCAG AA ✓ Pass

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

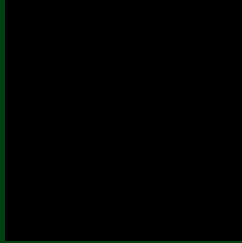
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 004111 Background



This preview shows how black text looks on a background with the Hex color 004111.



This preview shows how white text looks on a background with the Hex color 004111.

# 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](#).

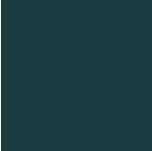
## Dichromacy



**Original Color**  
004111

**Protanopia**  
3E380F

**Deuteranopia**  
453516



**Tritanopia**  
1B3D42

# Trichromacy



**Original Color**  
004111

**Protanomaly**  
273B10

**Deuteranomaly**  
2C3914

**Tritanomaly**  
113E30

# Monochromacy



**Original Color**  
004111

**Achromatopsia**  
282828

**Achromatomaly**  
193120

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004111 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 #004111 looks like.

```
.text, #text, p{  
    color:#004111  
}
```

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 #004111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004111
}
```

## Border

The CSS property to change the border of an element to Hex 004111 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".

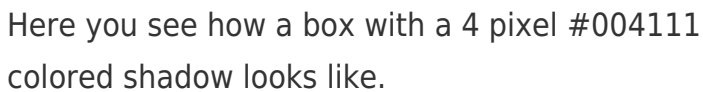
```
.border, #border, table{ border:4px solid
#004111 }
```

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

```
.border{ border-color:#004111 }
```

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

Here you see how a box with a 4 pixel #004111 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004111; -webkit-box-shadow:4px 4px  
4px 4px #004111; box-shadow:4px 4px 4px  
4px #004111 }
```

# Background

The CSS property to change the background color of an element to Hex 004111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004111 }
```

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

```
.background{ background-color:#004111 }
```

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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