

# Converting Colors

Hex(057600)

Have a look what the booklet for  
Hex(057600) contains.

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# Color

Hex(057600)

# Conversions

## Conversions Part 1

Format	Color
Hex	057600
RGB	5, 118, 0
RGB Percent	2%, 46%, 0%
CMY	0.9804, 0.5373, 1.0000
CMYK	0.96, 0.00, 1.00, 0.54
HSL	117°, 100%, 23%
HSV	117°, 100%, 46%
XYZ	6.5410, 12.9891, 2.1624
YIQ	70.7610, -29.4700, -60.6540

# Conversions

## Conversions Part 2

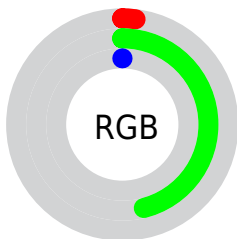
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 118, 113
Decimal	357888
CIELab	42.75, -48.32, 47.13
CIELCh	43, 67.497, 135.717
Yxy	12.9891, 0.3015, 0.5988
Android (android.graphics.Color)	4278547968 (0xFF057600)
YUV	70.7610, -34.8852, -57.6724
Hunter-Lab	36.0404, -30.6746, 21.6709

# Details

The Hex color **057600** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **710076**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **50AB3D**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **057600**, and if you desaturate by 10%, it is **10760C**.

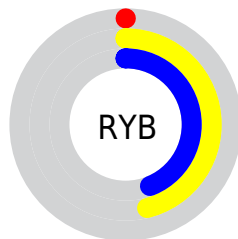
# Distribution



Red (2%)

Green (46%)

Blue (0%)



Red (0%)

Yellow (46%)

Blue (44%)

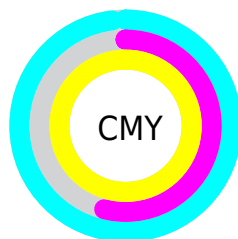


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (98%)

Magenta (54%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 057600 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 057600 by changing the saturation by 10% instead.



 057600

 057600

FFFFFFC

 005D00

 50AB3D

 004400

 6CC757

 002E00

 89E371

 001100

 A5FF8C

 000000

 C2FFA7

 DFFFC3

 FDFDF

 057600

 10760C

 1C7618

 277623

 32762F

 3D763B

 497647

 547653

 5F765E

 6B766A

# Harmonies

## Analogous

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



606B00



057600



007B47

# Triad

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



057600



0073D2



C5194B

# Complementary

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



057600



710076

# 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.



B92082



057600



0062D2

# Square

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



057600



007BB4



8A45B4



B43C13

# Rectangle

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



057600



007D6F



8A45B4



C4125D



# Sweetspot

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



057600



6D996B



767000



324D31



CCCCCC



4D4D4D



# Same Dimension

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



057600



069900



007635



353B35



057A00



0BFA00



# Inverse Universe

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



710076



930099



760041



3A353B



75007A

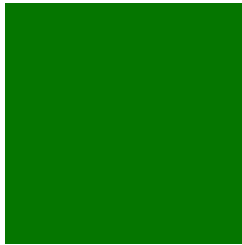


EF00FA



# Previews

## White Background



This preview shows how the Hex color 057600 looks on a white background.

## Color Contrast Check

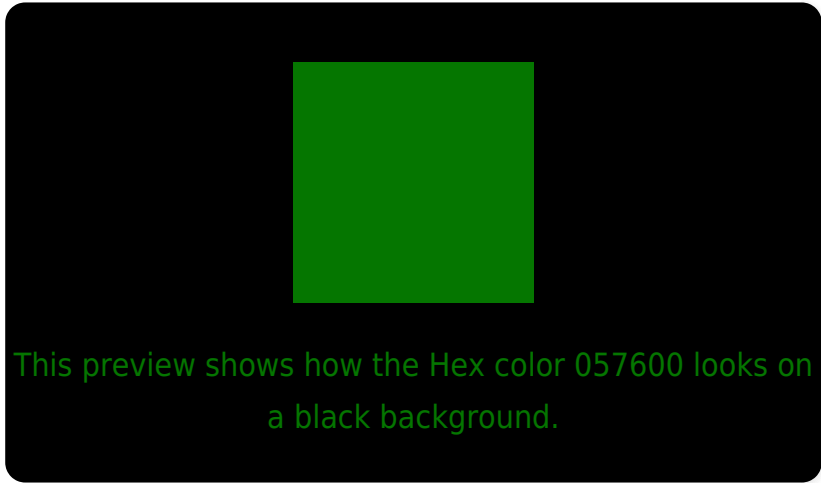
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 057600 Background



This preview shows how black text looks on a background with the Hex color 057600.



This preview shows how white text looks on a background with the Hex color 057600.

# 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**  
057600

**Protanopia**  
726500

**Deuteranopia**  
7F601A



**Tritanopia**  
326E77

# Trichromacy



**Original Color**  
057600



**Protanomaly**  
4A6B00



**Deuteranomaly**  
536811

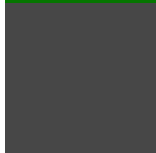


**Tritanomaly**  
22714C

# Monochromacy



**Original Color**  
057600



**Achromatopsia**  
474747



**Achromatomaly**  
2F582D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 057600 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 #057600 looks like.

```
.text, #text, p{  
    color:#057600  
}
```

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 #057600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #057600
}
```

## Border

The CSS property to change the border of an element to Hex 057600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

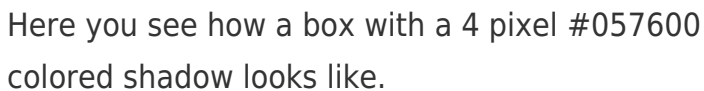
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#057600 }
```

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

```
.border{ border-color:#057600 }
```

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



Here you see how a box with a 4 pixel #057600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #057600; -webkit-box-shadow:4px 4px  
4px 4px #057600; box-shadow:4px 4px 4px  
4px #057600 }
```

# Background

The CSS property to change the background color of an element to Hex 057600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#057600 }
```

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

```
.background{ background-color:#057600 }
```

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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