

# Converting Colors

Hex(065A02)

Have a look what the booklet for  
Hex(065A02) contains.

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**Color**

**Hex(065A02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	065A02
RGB	6, 90, 2
RGB Percent	2%, 35%, 1%
CMY	0.9765, 0.6471, 0.9922
CMYK	0.93, 0.00, 0.98, 0.65
HSL	117°, 96%, 18%
HSV	117°, 98%, 35%
XYZ	3.7422, 7.3554, 1.2799
YIQ	54.8520, -21.8160, -45.1760

# Conversions

## Conversions Part 2

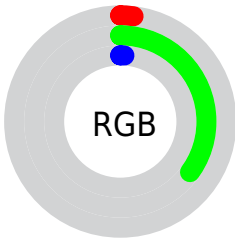
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	2, 90, 86
Decimal	416258
CIE Lab	32.60, -39.40, 38.32
CIE LCh	33, 54.961, 135.791
Yxy	7.3554, 0.3023, 0.5943
Android (android.graphics.Color)	4278606338 (0xFF065A02)
YUV	54.8520, -26.0560, -42.8432
Hunter-Lab	27.1209, -22.8316, 16.1865

# Details

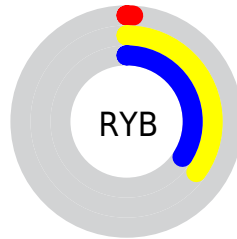
The Hex color **065A02** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **56025A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **478D37**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **045A00**, and if you desaturate by 10%, it is **0F5A0B**.

# Distribution



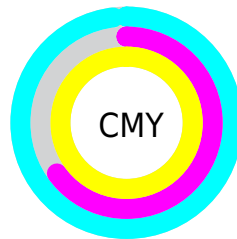
- Red (2%)
- Green (35%)
- Blue (1%)



- Red (1%)
- Yellow (35%)
- Blue (34%)



- Cyan (93%)
- Magenta (0%)
- Yellow (98%)
- Black (65%)



- Cyan (98%)
- Magenta (65%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 065A02 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 065A02 by changing the saturation by 10% instead.



 065A02

 065A02

 FFFFF2

 004200

 478D37

 002B00

 61A850

 001100

 7DC369

 000000

 98E083

 B4FC9E

 D0FFB9

 EEFFD5

 065A02

 065A02

■ 045A00

■ 0F5A0B

■ 175A14

■ 205A1D

■ 285A26

■ 315A2F

■ 3A5A38

■ 425A41

■ 4B5A4A

■ 535A53

# Harmonies

## Analogous

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



495200



065A02



005E36

# Triad

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



065A02



0058A1



971338

# Complementary

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



065A02



56025A

# 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.



8E1963



065A02



004AA1

# Square

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



065A02



005E8A



6A348A



8A2D0D

# Rectangle

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



065A02



005F54



6A348A



970F46



# Sweetspot

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



065A02



557553



5A5602



273B26



BABABA



3B3B3B



# Same Dimension

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



065A02



057500



025A2A



2A2E29



056E00



0BED00



# Inverse Universe

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



56025A



700075



5A0232



2E292E



69006E

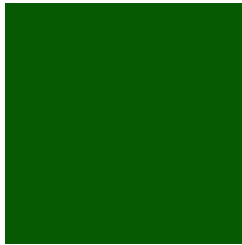


E200ED



# Previews

## White Background



This preview shows how the Hex color 065A02 looks on a white background.

## Color Contrast Check

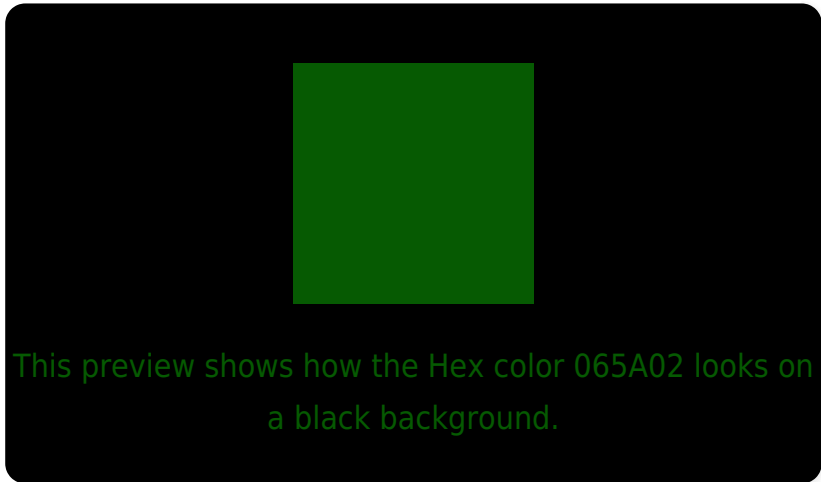
Large Text (above 18pt) WCAG AA ✓ Pass

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

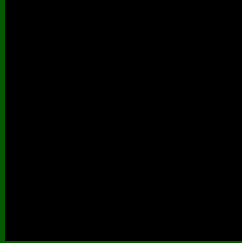
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 065A02 Background



This preview shows how black text looks on a background with the Hex color 065A02.



This preview shows how white text looks on a background with the Hex color 065A02.

# 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](#).

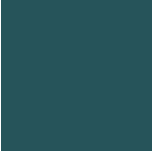
## Dichromacy



**Original Color**  
065A02

**Protanopia**  
574D00

**Deuteranopia**  
614914



**Tritanopia**  
26545A

# Trichromacy



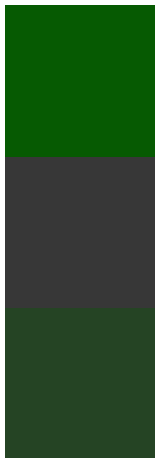
**Original Color**  
065A02

**Protanomaly**  
3A5201

**Deuteranomaly**  
404F0D

**Tritanomaly**  
1A563A

# Monochromacy



**Original Color**  
065A02

**Achromatopsia**  
373737

**Achromatomaly**  
254424

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 065A02 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 #065A02 looks like.

```
.text, #text, p{  
    color:#065A02  
}
```

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 #065A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065A02
}
```

## Border

The CSS property to change the border of an element to Hex 065A02 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".

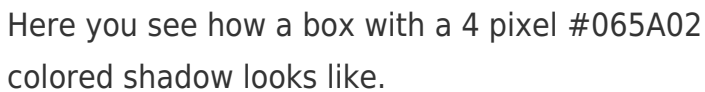
```
.border, #border, table{ border:4px solid
#065A02 }
```

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

```
.border{ border-color:#065A02 }
```

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

Here you see how a box with a 4 pixel #065A02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065A02; -webkit-box-shadow:4px 4px  
4px 4px #065A02; box-shadow:4px 4px 4px  
4px #065A02 }
```

# Background

The CSS property to change the background color of an element to Hex 065A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065A02 }
```

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

```
.background{ background-color:#065A02 }
```

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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