

Converting Colors

Hex(064B00)

Have a look what the booklet for
Hex(064B00) contains.

Hex(064B00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(064B00)

Conversions

Conversions Part 1

Format	Color
Hex	064B00
RGB	6, 75, 0
RGB Percent	2%, 29%, 0%
CMY	0.9765, 0.7059, 1.0000
CMYK	0.92, 0.00, 1.00, 0.71
HSL	115°, 100%, 15%
HSV	115°, 100%, 29%
XYZ	2.5912, 5.0709, 0.8422
YIQ	45.8190, -17.0490, -37.9530

Conversions

Conversions Part 2

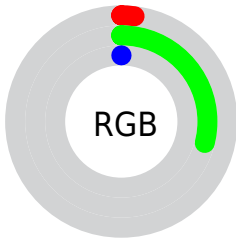
Format	Color
RYB	0, 75, 69
Decimal	412416
CIELab	26.94, -34.58, 34.39
CIELCh	27, 48.775, 135.157
Yxy	5.0709, 0.3047, 0.5963
Android (android.graphics.Color)	4278602496 (0xFF064B00)
YUV	45.8190, -22.5888, -34.9213
Hunter-Lab	22.5186, -18.8678, 13.5455

Details

The Hex color **064B00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **45004B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **417D32**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **064B00**, and if you desaturate by 10%, it is **0D4B07**.

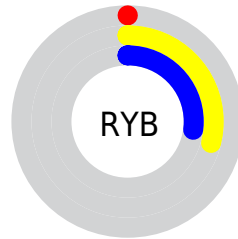
Distribution



Red (2%)

Green (29%)

Blue (0%)



Red (0%)

Yellow (29%)

Blue (27%)

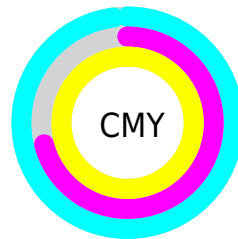


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (98%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 064B00 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 064B00 by changing the saturation by 10% instead.

 064B00

 064B00

 FFFFEA

 003400

 417D32

 002000

 5C974A

 000000

 76B263

 91CE7C

 ACEA97

 C8FFB2

 E5FFCE

 064B00

 0D4B07

 144B0F

 1B4B17

 224B1E

 294B26

 2F4B2D

 364B35

 3D4B3C

 444B44

Harmonies

Analogous

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



3E4400



064B00



004E2B

Triad

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



064B00



004988



800E2F

Complementary

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



064B00



45004B

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.



781354



064B00



003E89

Square

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



064B00



004E74



582B75



75240A

Rectangle

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



064B00



004F45



582B75



7F0A3B

Sweetspot

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



064B00



466144



4B4500



20301F



B0B0B0



303030

Same Dimension

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



064B00



086100



004B1F



232622



086600



12E600

Inverse Universe

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



45004B



590061



4B002C



262226



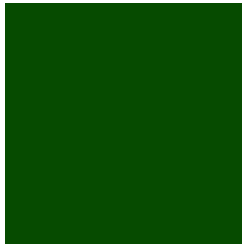
5E0066



D300E6

Previews

White Background



This preview shows how the Hex color 064B00 looks on a white background.

Color Contrast Check

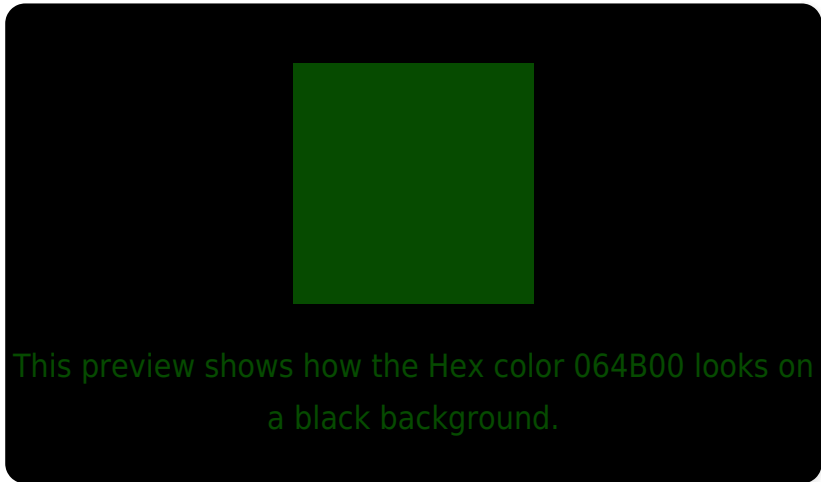
Large Text (above 18pt) WCAG AA ✓ Pass

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

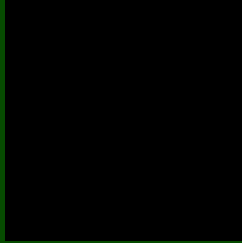
Any Text WCAG AA × Fail

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 064B00 Background



This preview shows how black text looks on a background with the Hex color 064B00.



This preview shows how white text looks on a background with the Hex color 064B00.

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
064B00

Protanopia
484000

Deuteranopia
513D10



Tritanopia
20464B

Trichromacy



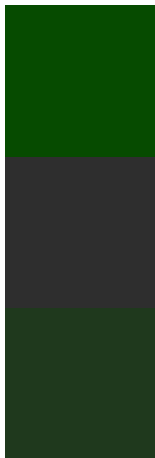
Original Color
064B00

Protanomaly
304400

Deuteranomaly
36420A

Tritanomaly
174830

Monochromacy



Original Color
064B00

Achromatopsia
2E2E2E

Achromatomaly
1F391D

CSS Examples

Text

The CSS property to change the color of the text to Hex 064B00 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 #064B00 looks like.

```
.text, #text, p{  
    color:#064B00  
}
```

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 #064B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064B00
}
```

Border

The CSS property to change the border of an element to Hex 064B00 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
#064B00 }
```

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

```
.border{ border-color:#064B00 }
```

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

Here you see how a box with a 4 pixel #064B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064B00; -webkit-box-shadow:4px 4px  
4px 4px #064B00; box-shadow:4px 4px 4px  
4px #064B00 }
```

Background

The CSS property to change the background color of an element to Hex 064B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064B00 }
```

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

```
.background{ background-color:#064B00 }
```

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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