

Converting Colors

Hex(065E21)

Have a look what the booklet for
Hex(065E21) contains.

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Color

Hex(065E21)

Conversions

Conversions Part 1

Format	Color
Hex	065E21
RGB	6, 94, 33
RGB Percent	2%, 37%, 13%
CMY	0.9765, 0.6314, 0.8706
CMYK	0.94, 0.00, 0.65, 0.63
HSL	138°, 88%, 20%
HSV	138°, 94%, 37%
XYZ	4.3523, 8.1539, 2.7833
YIQ	60.7340, -32.8670, -37.6270

Conversions

Conversions Part 2

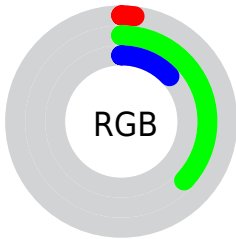
Format	Color
RYB	6, 73, 94
Decimal	417313
CIELab	34.30, -37.94, 27.81
CIElCh	34, 47.038, 143.754
Yxy	8.1539, 0.2847, 0.5333
Android (android.graphics.Color)	4278607393 (0xFF065E21)
YUV	60.7340, -13.6729, -48.0017
Hunter-Lab	28.5551, -22.7647, 14.2095

Details

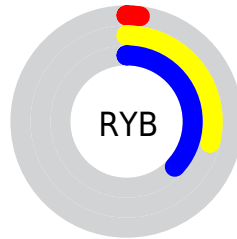
The Hex color **065E21** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E0643**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **469150**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **005E1D**, and if you desaturate by 10%, it is **0F5E28**.

Distribution



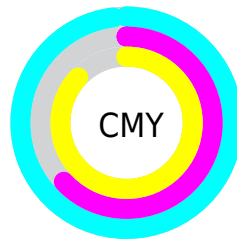
- Red (2%)
- Green (37%)
- Blue (13%)



- Red (2%)
- Yellow (29%)
- Blue (37%)



- Cyan (94%)
- Magenta (0%)
- Yellow (65%)
- Black (63%)




- Cyan (98%)
- Magenta (63%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 065E21 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 065E21 by changing the saturation by 10% instead.

 065E21

 065E21

FFFFFF

 00460A

 469150

 002E00

 61AC68

 001800

 7CC882

 000000

 97E49C

 B3FFB7

 D0FFD3

 EDFFF0

 065E21

 065E21

■ 005E1D

■ 0F5E28

■ 195E2E

■ 225E35

■ 2C5E3B

■ 355E42

■ 3E5E48

■ 485E4F

■ 515E55

■ 5B5E5C

Harmonies

Analogous

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



455700



065E21



006147

Triad

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



065E21



00589B



922C35

Complementary

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



065E21



5E0643

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.



8F295A



065E21



3F4A96

Square

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



065E21



005F8D



76387D



833C12

Rectangle

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



065E21



006261



76387D



932941

Sweetspot

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



065E21



587A63



445E06



283D2F



BDBDBD



3D3D3D

Same Dimension

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



065E21



007A26



065E4C



292E2B



006E22



00ED49

Inverse Universe

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



5E0643



7A0055



5E0618



2E292C



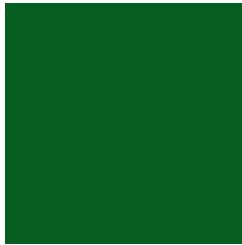
6E004C



ED00A4

Previews

White Background



This preview shows how the Hex color 065E21 looks on a white background.

Color Contrast Check

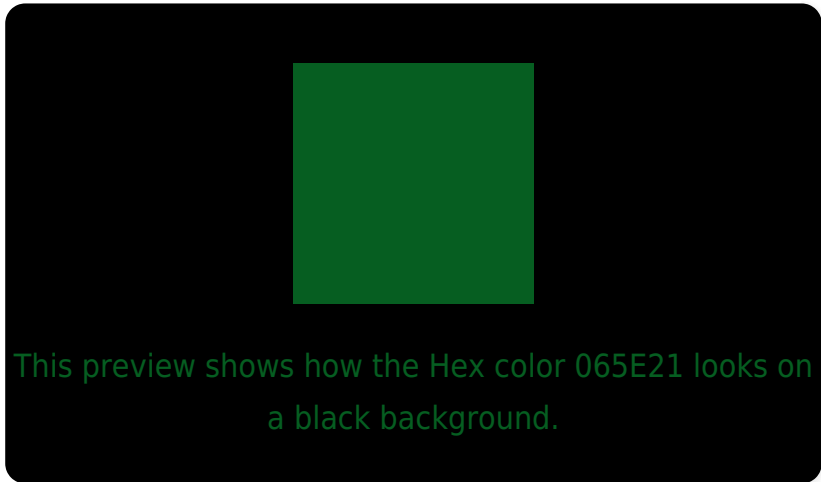
Large Text (above 18pt) WCAG AA ✓ Pass

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 065E21 Background



This preview shows how black text looks on a background with the Hex color 065E21.



This preview shows how white text looks on a background with the Hex color 065E21.

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](#).

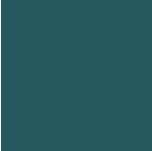
Dichromacy



Original Color
065E21

Protanopia
5A511D

Deuteranopia
644D26



Tritanopia
26585F

Trichromacy



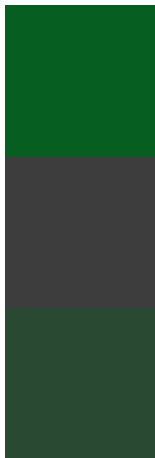
Original Color
065E21

Protanomaly
3B561E

Deuteranomaly
425324

Tritanomaly
1A5A48

Monochromacy



Original Color
065E21

Achromatopsia
3D3D3D

Achromatomaly
294933

CSS Examples

Text

The CSS property to change the color of the text to Hex 065E21 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 #065E21 looks like.

```
.text, #text, p{  
    color:#065E21  
}
```

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 #065E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065E21
}
```

Border

The CSS property to change the border of an element to Hex 065E21 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".

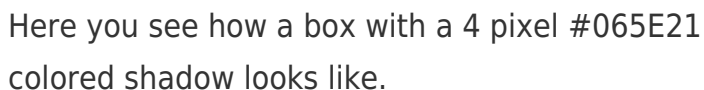
```
.border, #border, table{ border:4px solid
#065E21 }
```

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

```
.border{ border-color:#065E21 }
```

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

Here you see how a box with a 4 pixel #065E21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065E21; -webkit-box-shadow:4px 4px  
4px 4px #065E21; box-shadow:4px 4px 4px  
4px #065E21 }
```

Background

The CSS property to change the background color of an element to Hex 065E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065E21 }
```

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

```
.background{ background-color:#065E21 }
```

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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