

Converting Colors

Hex(016B21)

Have a look what the booklet for
Hex(016B21) contains.

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Color

Hex(016B21)

Conversions

Conversions Part 1

Format	Color
Hex	016B21
RGB	1, 107, 33
RGB Percent	0%, 42%, 13%
CMY	0.9961, 0.5804, 0.8706
CMYK	0.99, 0.00, 0.69, 0.58
HSL	138°, 98%, 21%
HSV	138°, 99%, 42%
XYZ	5.5447, 10.6316, 3.1987
YIQ	66.8700, -39.4220, -45.4860

Conversions

Conversions Part 2

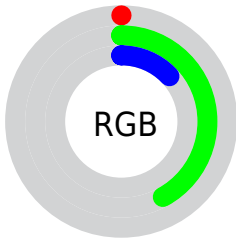
Format	Color
RYB	1, 82, 107
Decimal	92961
CIELab	38.95, -42.95, 33.03
CIELCh	39, 54.184, 142.434
Yxy	10.6316, 0.2862, 0.5487
Android (android.graphics.Color)	4278283041 (0xFF016B21)
YUV	66.8700, -16.6979, -57.7680
Hunter-Lab	32.6062, -26.7067, 17.0079

Details

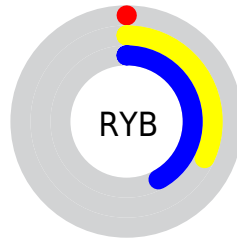
The Hex color **016B21** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B014B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **49A051**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **006B20**, and if you desaturate by 10%, it is **0C6B28**.

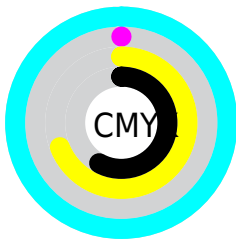
Distribution



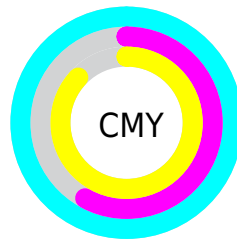
- Red (0%)
- Green (42%)
- Blue (13%)



- Red (0%)
- Yellow (32%)
- Blue (42%)



- Cyan (99%)
- Magenta (0%)
- Yellow (69%)
- Black (58%)





- Cyan (100%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016B21 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 016B21 by changing the saturation by 10% instead.

 016B21

 016B21

FFFFFF

 005207

 49A051

 003A00

 65BB6A

 002500

 80D784


 000000

 9CF49E

 B8FFBA

 D5FFD6

 F3FFF2

 016B21

 016B21

 006B20

 0C6B28

 166B30

 216B37


 2C6B3F

 366B46

 416B4E

 4C6B55

 576B5D

 616B64

Harmonies

Analogous

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



506300



016B21



006F4F

Triad

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



016B21



0064B4



A82E3D

Complementary

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



016B21



6B014B

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.



A42B69



016B21



4055AE

Square

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



016B21



006DA1



853F92



974313

Rectangle

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



016B21



006F6D



853F92



A92A4B

Sweetspot

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



016B21



628C6F



4B6B01



2E4735



C7C7C7



474747

Same Dimension

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



016B21



008C2A



016B56



303632



007523



00F54A

Inverse Universe

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



6B014B



8C0062



6B0116



363034



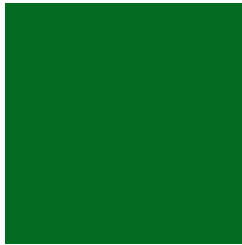
750052



F500AB

Previews

White Background



This preview shows how the Hex color 016B21 looks on a white background.

Color Contrast Check

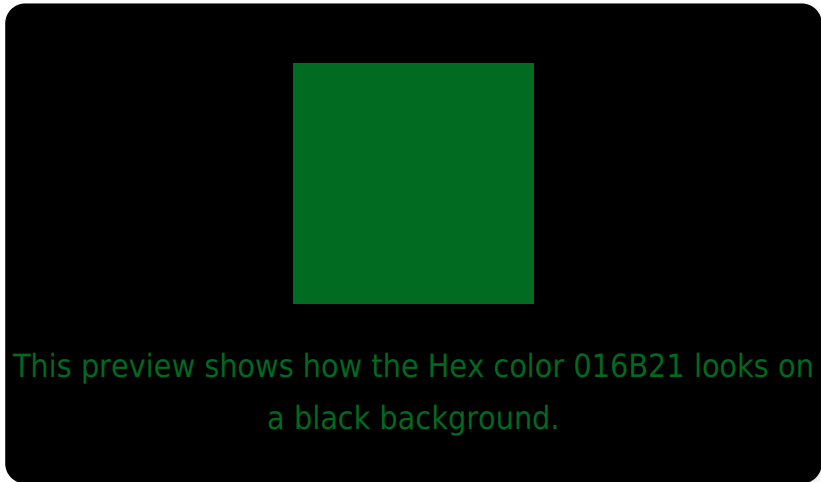
Large Text (above 18pt) WCAG AA ✓ Pass

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

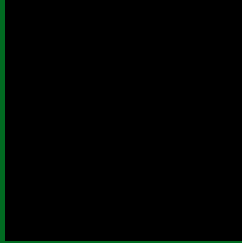
Any Text WCAG AA × Fail

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 016B21 Background



This preview shows how black text looks on a background with the Hex color 016B21.



This preview shows how white text looks on a background with the Hex color 016B21.

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
016B21

Protanopia
675C1D

Deuteranopia
725728



Tritanopia
2C646C

Trichromacy



Original Color
016B21



Protanomaly
42611E



Deuteranomaly
495E25



Tritanomaly
1C6751

Monochromacy



Original Color
016B21



Achromatopsia
434343



Achromatomaly
2B5237

CSS Examples

Text

The CSS property to change the color of the text to Hex 016B21 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 #016B21 looks like.

```
.text, #text, p{  
    color:#016B21  
}
```

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 #016B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016B21
}
```

Border

The CSS property to change the border of an element to Hex 016B21 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
#016B21 }
```

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

```
.border{ border-color:#016B21 }
```

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

Here you see how a box with a 4 pixel #016B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016B21; -webkit-box-shadow:4px 4px  
4px 4px #016B21; box-shadow:4px 4px 4px  
4px #016B21 }
```

Background

The CSS property to change the background color of an element to Hex 016B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016B21 }
```

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

```
.background{ background-color:#016B21 }
```

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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