

Converting Colors

Hex(163003)

Have a look what the booklet for
Hex(163003) contains.

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Color

Hex(163003)

Conversions

Conversions Part 1

Format	Color
Hex	163003
RGB	22, 48, 3
RGB Percent	9%, 19%, 1%
CMY	0.9137, 0.8118, 0.9882
CMYK	0.54, 0.00, 0.94, 0.81
HSL	95°, 88%, 10%
HSV	95°, 94%, 19%
XYZ	1.4043, 2.2911, 0.4544
YIQ	35.0960, -1.0510, -19.5070

Conversions

Conversions Part 2

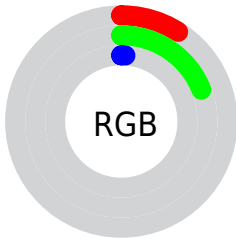
Format	Color
R_{YB}	3, 48, 29
Decimal	1454083
CIE _{Lab}	16.95, -19.32, 22.72
CIE _{LCh}	17, 29.822, 130.377
Yxy	2.2911, 0.3384, 0.5521
Android (android.graphics.Color)	4279644163 (0xFF163003)
YUV	35.0960, -15.8233, -11.4852
Hunter-Lab	15.1362, -9.9280, 8.8156

Details

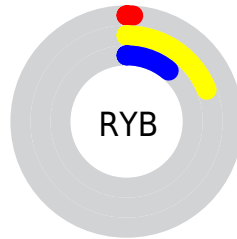
The Hex color **163003** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1D0330**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **435E31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **143000**, and if you desaturate by 10%, it is **193008**.

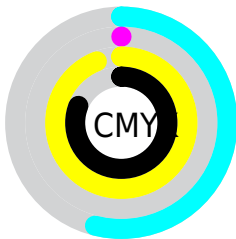
Distribution



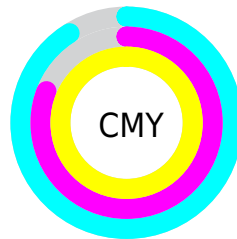
- Red (9%)
- Green (19%)
- Blue (1%)



- Red (1%)
- Yellow (19%)
- Blue (11%)



- Cyan (54%)
- Magenta (0%)
- Yellow (94%)
- Black (81%)




- Cyan (91%)
- Magenta (81%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163003 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 163003 by changing the saturation by 10% instead.

 163003

 163003

 FEF FE6

 001C00

 435E31

 000000

 5C7748

 759160

 8FAC79

 A9C793

 C5E3AE

 E1FFC9

 163003

 163003

■ 143000

■ 193008

■ 1C300D

■ 1E3011

■ 213016

■ 24301B

■ 273020

■ 293025

■ 2C3029

■ 2F302E

Harmonies

Analogous

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



2E2B00



163003



00331B

Triad

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



163003



003052



501323

Complementary

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



163003



1D0330

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.



491739



163003



012A54

Square

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



163003



003345



34214B



4C1A0E

Rectangle

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



163003



003329



34214B



4F132A

Sweetspot

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



163003



333D2C



301C03



191F14



9E9E9E



1F1F1F

Same Dimension

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



163003



1A3D00



033006



161715



255700



5AD600

Inverse Universe

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



1D0330



23003D



30032D



161517



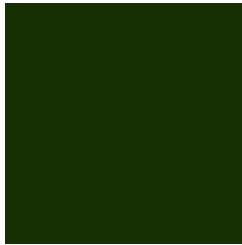
320057



7C00D6

Previews

White Background



This preview shows how the Hex color 163003 looks on a white background.

Color Contrast Check

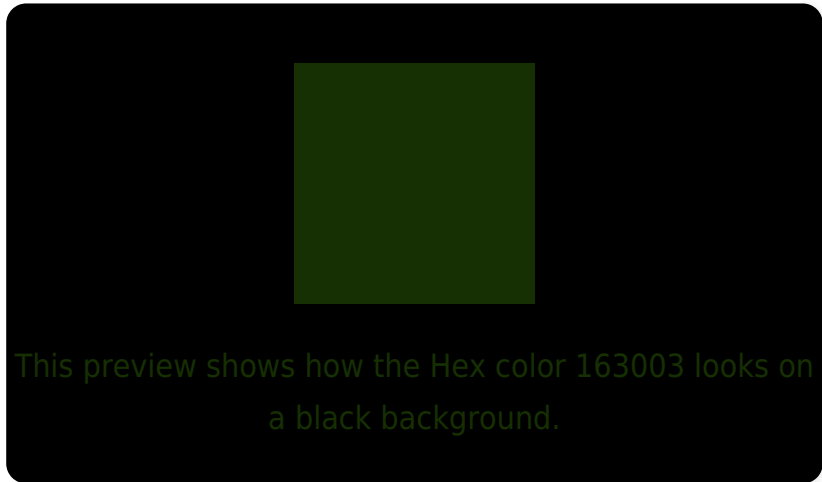
Large Text (above 18pt) WCAG AA ✓ Pass

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

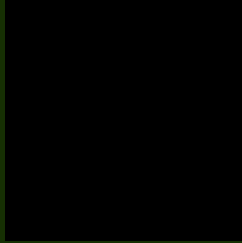
Any Text WCAG AA × Fail

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 163003 Background



This preview shows how black text looks on a background with the Hex color 163003.



This preview shows how white text looks on a background with the Hex color 163003.

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
163003

Protanopia
2F2A00

Deuteranopia
35280A



Tritanopia
1D2D30

Trichromacy



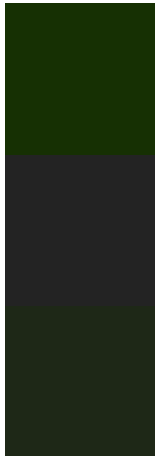
Original Color
163003

Protanomaly
262C01

Deuteranomaly
2A2B07

Tritanomaly
1A2E20

Monochromacy



Original Color
163003

Achromatopsia
232323

Achromatomaly
1E2817

CSS Examples

Text

The CSS property to change the color of the text to Hex 163003 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 #163003 looks like.

```
.text, #text, p{  
    color:#163003  
}
```

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 #163003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163003
}
```

Border

The CSS property to change the border of an element to Hex 163003 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
#163003 }
```

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

```
.border{ border-color:#163003 }
```

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

Here you see how a box with a 4 pixel #163003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163003; -webkit-box-shadow:4px 4px  
4px 4px #163003; box-shadow:4px 4px 4px  
4px #163003 }
```

Background

The CSS property to change the background color of an element to Hex 163003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163003 }
```

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

```
.background{ background-color:#163003 }
```

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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