

# Converting Colors

Hex(162903)

Have a look what the booklet for  
Hex(162903) contains.

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**Color**

**Hex(162903)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	162903
RGB	22, 41, 3
RGB Percent	9%, 16%, 1%
CMY	0.9137, 0.8392, 0.9882
CMYK	0.46, 0.00, 0.93, 0.84
HSL	90°, 86%, 9%
HSV	90°, 93%, 16%
XYZ	1.1403, 1.7630, 0.3663
YIQ	30.9870, 0.8740, -15.8460

# Conversions

## Conversions Part 2

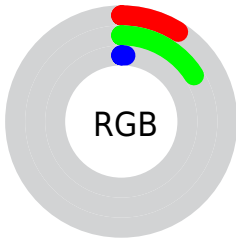
Format	Color
R <sub>Y</sub> B	3, 41, 22
Decimal	1452291
CIE Lab	14.19, -15.67, 19.23
CIE LCh	14, 24.806, 129.184
Yxy	1.7630, 0.3487, 0.5392
Android (android.graphics.Color)	4279642371 (0xFF162903)
YUV	30.9870, -13.7976, -7.8816
Hunter-Lab	13.2779, -7.9075, 7.6587

# Details

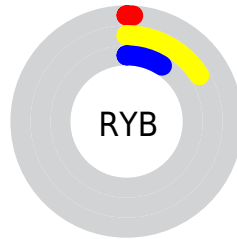
The Hex color **162903** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **160329**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **425631**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **142900**, and if you desaturate by 10%, it is **182907**.

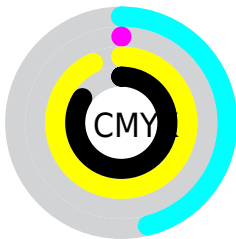
# Distribution



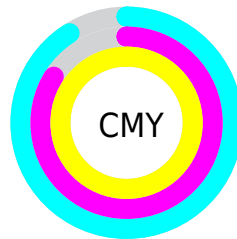
- Red (9%)
- Green (16%)
- Blue (1%)



- Red (1%)
- Yellow (16%)
- Blue (9%)



- Cyan (46%)
- Magenta (0%)
- Yellow (93%)
- Black (84%)



- Cyan (91%)
- Magenta (84%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 162903 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 162903 by changing the saturation by 10% instead.



 162903

 162903

 FBFFE5

 001600

 425631

 000000

 5A6F48

 728860

 8CA379

 A7BE93

 C2DAAD

 DEF6C9

 162903

 162903

■ 142900

■ 182907

■ 1A290B

■ 1C290F

■ 1E2913

■ 202917

■ 22291C

■ 242920

■ 262924

■ 282928

# Harmonies

## Analogous

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



292500



162903



002B17

# Triad

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



162903



002944



43131F

# Complementary

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



162903



160329

# 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.



3D1631



162903



062446

# Square

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



162903



002C3A



2C1D3F



40170E

# Rectangle

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



162903



002C23



2C1D3F



421325



# Sweetspot

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



162903



2E3627



291603



171C13



9C9C9C



1C1C1C



# Same Dimension

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



162903



1B3600



032903



131412



2A5400



6AD400



# Inverse Universe

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



160329



1B0036



290329



131214



2A0054

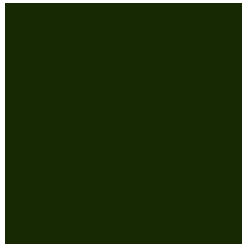


6A00D4



# Previews

## White Background



This preview shows how the Hex color 162903 looks on a white background.

## Color Contrast Check

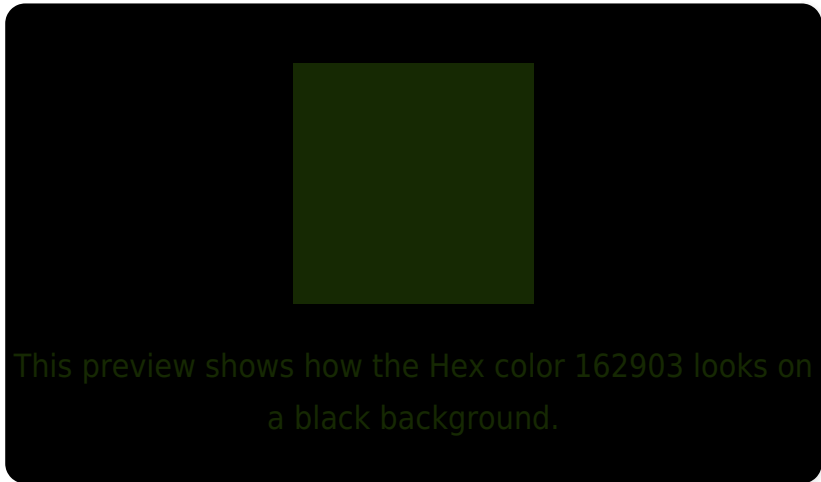
Large Text (above 18pt) WCAG AA ✓ Pass

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

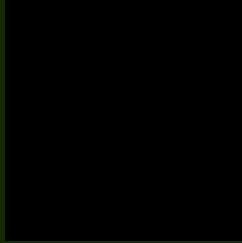
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 162903 Background



This preview shows how black text looks on a background with the Hex color 162903.



This preview shows how white text looks on a background with the Hex color 162903.

# 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**  
162903

**Protanopia**  
292400

**Deuteranopia**  
2E2209



**Tritanopia**  
1B2629

# Trichromacy



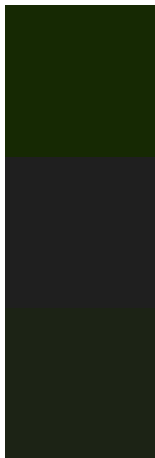
**Original Color**  
162903

**Protanomaly**  
222601

**Deuteranomaly**  
252507

**Tritanomaly**  
19271B

# Monochromacy



**Original Color**  
162903

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
1C2315

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 162903 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 #162903 looks like.

```
.text, #text, p{  
    color:#162903  
}
```

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 #162903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162903  
}
```

## Border

The CSS property to change the border of an element to Hex 162903 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".

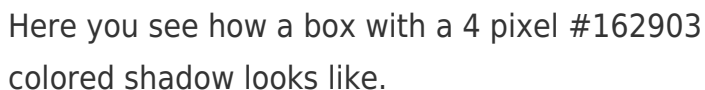
```
.border, #border, table{ border:4px solid  
#162903 }
```

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

```
.border{ border-color:#162903 }
```

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

Here you see how a box with a 4 pixel #162903 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162903; -webkit-box-shadow:4px 4px  
4px 4px #162903; box-shadow:4px 4px 4px  
4px #162903 }
```

# Background

The CSS property to change the background color of an element to Hex 162903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162903 }
```

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

```
.background{ background-color:#162903 }
```

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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