

# Converting Colors

Hex(162101)

Have a look what the booklet for  
Hex(162101) contains.

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# Color

**Hex(162101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	162101
RGB	22, 33, 1
RGB Percent	9%, 13%, 0%
CMY	0.9137, 0.8706, 0.9961
CMYK	0.33, 0.00, 0.97, 0.87
HSL	81°, 94%, 7%
HSV	81°, 97%, 13%
XYZ	0.8802, 1.2605, 0.2256
YIQ	26.0630, 3.7160, -12.2840

# Conversions

## Conversions Part 2

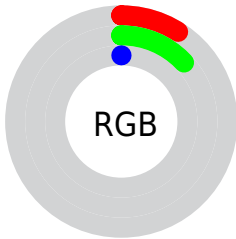
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 33, 12
Decimal	1450241
CIELab	11.00, -11.36, 15.73
CIELCh	11, 19.407, 125.842
Yxy	1.2605, 0.3720, 0.5327
Android (android.graphics.Color)	4279640321 (0xFF162101)
YUV	26.0630, -12.3561, -3.5633
Hunter-Lab	11.2271, -5.6529, 6.6675

# Details

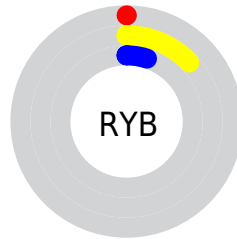
The Hex color **162101** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C0121**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **404D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **162100**, and if you desaturate by 10%, it is **172104**.

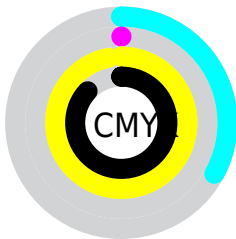
# Distribution



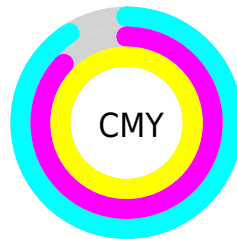
- Red (9%)
- Green (13%)
- Blue (0%)



- Red (0%)
- Yellow (13%)
- Blue (5%)



- Cyan (33%)
- Magenta (0%)
- Yellow (97%)
- Black (87%)



- Cyan (91%)
- Magenta (87%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 162101 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 162101 by changing the saturation by 10% instead.



 162101

 162101

 F8FFE3

 000700

 404D30

 000000

 586547

 707E5E

 8A9877

 A4B391

 BFCFAB

 DBEBC7

 162101

 162101

■ 162100

■ 172104

■ 182108

■ 19210B

■ 1B210E

■ 1C2112

■ 1D2115

■ 1E2118

■ 1F211B

■ 20211F

# Harmonies

## Analogous

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



241D00



162101



012312

# Triad

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



162101



002235



35111B

# Complementary

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



162101



0C0121

# 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.



301429



162101



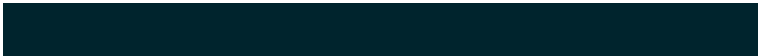
071E38

# Square

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



162101



00242D



211933



34140D

# Rectangle

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



162101



00241B



211933



341220



# Sweetspot

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



162101



272B1F



210C01



14170F



969696



171717



# Same Dimension

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



162101



1C2B00



062101



0F0F0E



344F00



88CF00



# Inverse Universe

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



0C0121



0F002B



1C0121



0E0E0F



1B004F

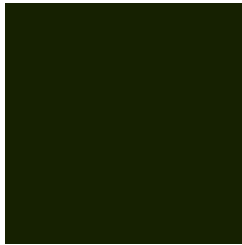


4700CF



# Previews

## White Background



This preview shows how the Hex color 162101 looks on a white background.

## Color Contrast Check

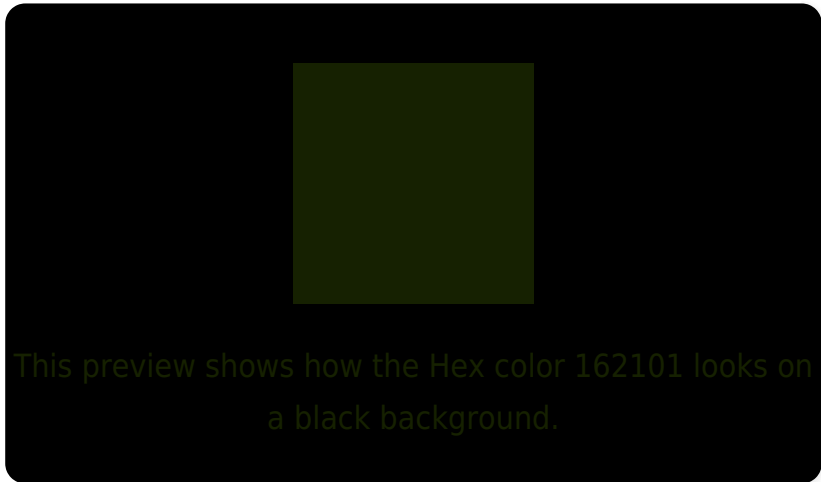
Large Text (above 18pt) WCAG AA ✓ Pass

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

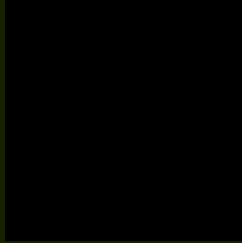
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

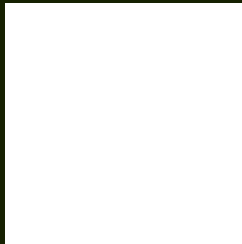
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 162101 Background



This preview shows how black text looks on a background with the Hex color 162101.

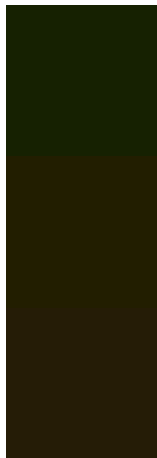


This preview shows how white text looks on a background with the Hex color 162101.

# 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**  
162101

**Protanopia**  
221E00

**Deuteranopia**  
251C06



**Tritanopia**  
191F21

# Trichromacy



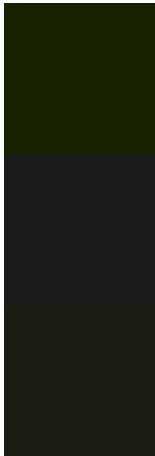
**Original Color**  
162101

**Protanomaly**  
1E1F00

**Deuteranomaly**  
201E04

**Tritanomaly**  
182015

# Monochromacy



**Original Color**  
162101

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
191D11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 162101 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 #162101 looks like.

```
.text, #text, p{  
    color:#162101  
}
```

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 #162101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162101
}
```

## Border

The CSS property to change the border of an element to Hex 162101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

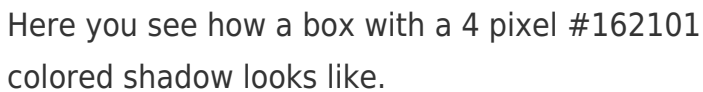
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#162101 }
```

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

```
.border{ border-color:#162101 }
```

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



Here you see how a box with a 4 pixel #162101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162101; -webkit-box-shadow:4px 4px  
4px 4px #162101; box-shadow:4px 4px 4px  
4px #162101 }
```

# Background

The CSS property to change the background color of an element to Hex 162101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162101 }
```

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

```
.background{ background-color:#162101 }
```

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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