

# Converting Colors

Hex(103D14)

Have a look what the booklet for  
Hex(103D14) contains.

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# Color

**Hex(103D14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	103D14
RGB	16, 61, 20
RGB Percent	6%, 24%, 8%
CMY	0.9373, 0.7608, 0.9216
CMYK	0.74, 0.00, 0.67, 0.76
HSL	125°, 58%, 15%
HSV	125°, 74%, 24%
XYZ	2.0087, 3.4982, 1.2312
YIQ	42.8710, -13.6590, -22.2910

# Conversions

## Conversions Part 2

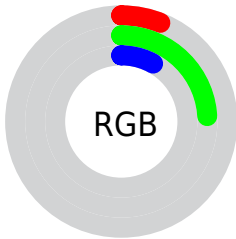
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 57, 61
Decimal	1064212
CIELab	21.94, -25.29, 20.52
CIELCh	22, 32.565, 140.940
Yxy	3.4982, 0.2981, 0.5192
Android (android.graphics.Color)	4279254292 (0xFF103D14)
YUV	42.8710, -11.2754, -23.5659
Hunter-Lab	18.7033, -13.5604, 9.1895

# Details

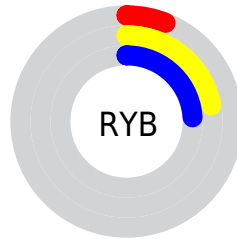
The Hex color **103D14** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D1039**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **416D40**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **0A3D0E**, and if you desaturate by 10%, it is **163D1A**.

# Distribution



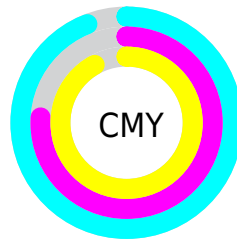
- Red (6%)
- Green (24%)
- Blue (8%)



- Red (6%)
- Yellow (22%)
- Blue (24%)



- Cyan (74%)
- Magenta (0%)
- Yellow (67%)
- Black (76%)



- Cyan (94%)
- Magenta (76%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 103D14 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 103D14 by changing the saturation by 10% instead.



 103D14

 103D14

 F0FFF8

 002700

 416D40

 000D00

 5A8758

 000000

 73A170

 8DBC8A

 A8D8A4

 C4F5C0

 E0FFDC

 103D14

 103D14

■ 0A3D0E

■ 163D1A

■ 043D09

■ 1C3D1F

■ 003D05

■ 223D25

■ 283D2A

■ 2F3D30

■ 353D35

■ 3B3D3B

■ 413D40

■ 473D46

# Harmonies

## Analogous

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



303800



103D14



003F2C

# Triad

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



103D14



003964



5F1E25

# Complementary

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



103D14



3D1039

# 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.



5C1D3D



103D14



263162

# Square

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



103D14



003E5A



4A2653



57270F

# Rectangle

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



103D14



00403D



4A2653



601C2D



# Sweetspot

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



103D14



3E4F3F



393D10



1E291F



A8A8A8



292929



# Same Dimension

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



103D14



094F0F



103D2A



1C1F1C



005E08



00DE14



# Inverse Universe

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



3D1039



4F0949



3D1023



1F1C1E



5E0056

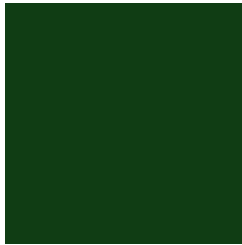


DE00CA



# Previews

## White Background



This preview shows how the Hex color 103D14 looks on a white background.

## Color Contrast Check

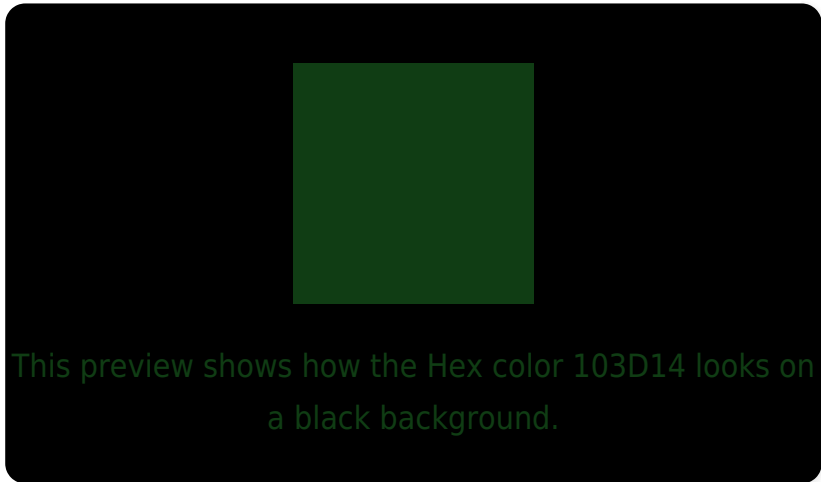
Large Text (above 18pt) WCAG AA ✓ Pass

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

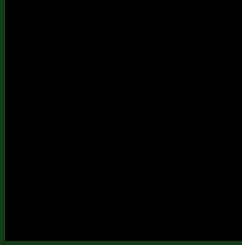
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 103D14 Background



This preview shows how black text looks on a background with the Hex color 103D14.



This preview shows how white text looks on a background with the Hex color 103D14.

# 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](#).

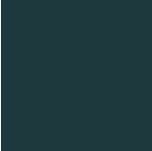
## Dichromacy



**Original Color**  
103D14

**Protanopia**  
3B3512

**Deuteranopia**  
413218



**Tritanopia**  
1D393E

# Trichromacy



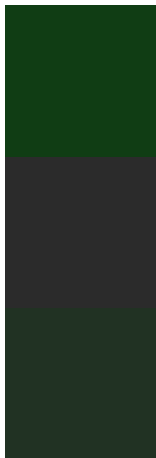
**Original Color**  
103D14

**Protanomaly**  
2B3813

**Deuteranomaly**  
2F3617

**Tritanomaly**  
183A2F

# Monochromacy



**Original Color**  
103D14

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
213223

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 103D14 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 #103D14 looks like.

```
.text, #text, p{  
    color:#103D14  
}
```

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 #103D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103D14
}
```

## Border

The CSS property to change the border of an element to Hex 103D14 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
#103D14 }
```

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

```
.border{ border-color:#103D14 }
```

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

Here you see how a box with a 4 pixel #103D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103D14; -webkit-box-shadow:4px 4px  
4px 4px #103D14; box-shadow:4px 4px 4px  
4px #103D14 }
```

# Background

The CSS property to change the background color of an element to Hex 103D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103D14 }
```

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

```
.background{ background-color:#103D14 }
```

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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