

Converting Colors

Hex(103E10)

Have a look what the booklet for
Hex(103E10) contains.

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Color

Hex(103E10)

Conversions

Conversions Part 1

Format	Color
Hex	103E10
RGB	16, 62, 16
RGB Percent	6%, 24%, 6%
CMY	0.9373, 0.7569, 0.9373
CMYK	0.74, 0.00, 0.74, 0.76
HSL	120°, 59%, 15%
HSV	120°, 74%, 24%
XYZ	2.0298, 3.5928, 1.0767
YIQ	43.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

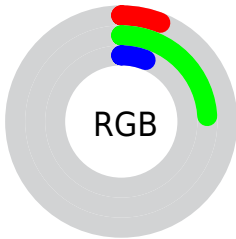
Format	Color
RYB	16, 62, 62
Decimal	1064464
CIELab	22.28, -26.26, 23.07
CIELCh	22, 34.956, 138.710
Yxy	3.5928, 0.3030, 0.5363
Android (android.graphics.Color)	4279254544 (0xFF103E10)
YUV	43.0020, -13.3120, -23.6808
Hunter-Lab	18.9547, -14.0555, 9.9004

Details

The Hex color **103E10** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E103E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **426E3C**, and **000F00** is the 20% darker color. If you saturate the color by 10%, you get **0A3E0A**, and if you desaturate by 10%, it is **163E16**.

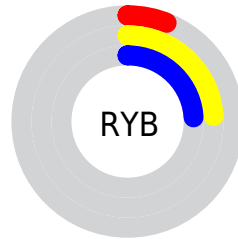
Distribution



Red (6%)

Green (24%)

Blue (6%)



Red (6%)

Yellow (24%)

Blue (24%)

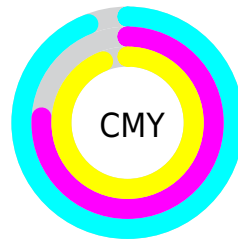


Cyan (74%)

Magenta (0%)

Yellow (74%)

Black (76%)



Cyan (94%)

Magenta (76%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103E10 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 103E10 by changing the saturation by 10% instead.

 103E10

 103E10

 FEFFF4

 002800

 426E3C

 000F00

 5B8854

 000000

 74A26D

 8EBD86

 A9D9A0

 C5F6BC

 E1FFD7

 103E10

 103E10

■ 0A3E0A

■ 163E16

■ 043E04

■ 1C3E1C

■ 003E00

■ 233E23

■ 293E29

■ 2F3E2F

■ 353E35

■ 3B3E3B

■ 423E42

■ 483E48

Harmonies

Analogous

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



333900



103E10



00412A

Triad

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



103E10



003B68



631B26

Complementary

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



103E10



3E103E

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.



5F1C40



103E10



1F3367

Square

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



103E10



00405C



4A2758



5B250E

Rectangle

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



103E10



00413C



4A2758



631A2F

Sweetspot

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



103E10



405240



3E3E10



1E291E



A8A8A8



292929

Same Dimension

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



103E10



095209



103E27



1C1F1C



005E00



00DE00

Inverse Universe

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



3E103E



520952



3E1027



1F1C1F



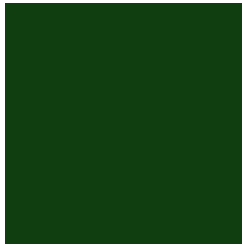
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 103E10 looks on a white background.

Color Contrast Check

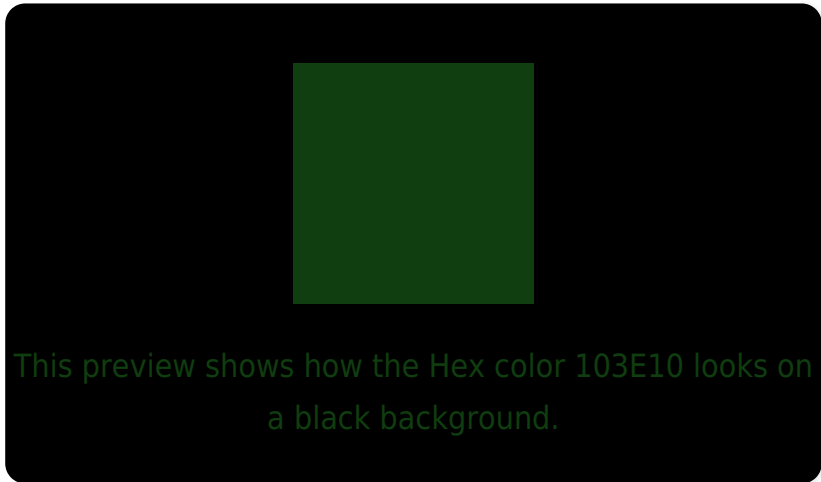
Large Text (above 18pt) WCAG AA ✓ Pass

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

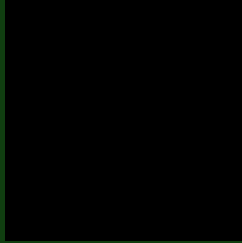
Any Text WCAG AA × Fail

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 103E10 Background



This preview shows how black text looks on a background with the Hex color 103E10.



This preview shows how white text looks on a background with the Hex color 103E10.

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](#).

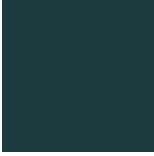
Dichromacy



Original Color
103E10

Protanopia
3C360E

Deuteranopia
433314



Tritanopia
1D3A3F

Trichromacy



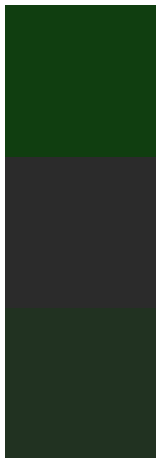
Original Color
103E10

Protanomaly
2C390F

Deuteranomaly
303713

Tritanomaly
183B2E

Monochromacy



Original Color
103E10

Achromatopsia
2B2B2B

Achromatomaly
213221

CSS Examples

Text

The CSS property to change the color of the text to Hex 103E10 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 #103E10 looks like.

```
.text, #text, p{  
    color:#103E10  
}
```

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 #103E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103E10
}
```

Border

The CSS property to change the border of an element to Hex 103E10 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
#103E10 }
```

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

```
.border{ border-color:#103E10 }
```

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

Here you see how a box with a 4 pixel #103E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103E10; -webkit-box-shadow:4px 4px  
4px 4px #103E10; box-shadow:4px 4px 4px  
4px #103E10 }
```

Background

The CSS property to change the background color of an element to Hex 103E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103E10 }
```

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

```
.background{ background-color:#103E10 }
```

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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