

Converting Colors

Hex(163F10)

Have a look what the booklet for
Hex(163F10) contains.

Hex(163F10)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(163F10)

Conversions

Conversions Part 1

Format	Color
Hex	163F10
RGB	22, 63, 16
RGB Percent	9%, 25%, 6%
CMY	0.9137, 0.7529, 0.9373
CMYK	0.65, 0.00, 0.75, 0.75
HSL	112°, 59%, 15%
HSV	112°, 75%, 25%
XYZ	2.2019, 3.7630, 1.1005
YIQ	45.3830, -9.3490, -23.3090

Conversions

Conversions Part 2

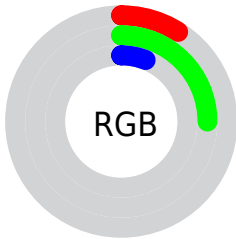
Format	Color
R_YB	16, 63, 57
Decimal	1457936
CIE _{Lab}	22.87, -25.02, 23.78
CIE _{LCh}	23, 34.514, 136.452
Yxy	3.7630, 0.3116, 0.5326
Android (android.graphics.Color)	4279648016 (0xFF163F10)
YUV	45.3830, -14.4858, -20.5069
Hunter-Lab	19.3984, -13.6858, 10.2153

Details

The Hex color **163F10** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **39103F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **466F3D**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **113F0A**, and if you desaturate by 10%, it is **1B3F16**.

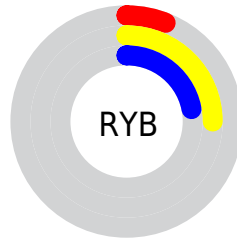
Distribution



Red (9%)

Green (25%)

Blue (6%)



Red (6%)

Yellow (25%)

Blue (22%)

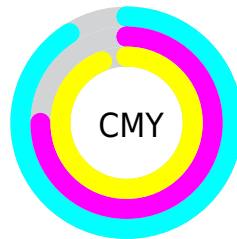


Cyan (65%)

Magenta (0%)

Yellow (75%)

Black (75%)



Cyan (91%)

Magenta (75%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163F10 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 163F10 by changing the saturation by 10% instead.

 163F10

 163F10

 FFFFF4

 012900

 466F3D

 001200

 5F8954

 000000

 79A36D

 93BE86

 AEDAA1

 CAF7BC

 E6FFD8

 163F10

 163F10

■ 113F0A

■ 1B3F16

■ 0B3F03

■ 213F1D

■ 083F00

■ 263F23

■ 2C3F29

■ 313F30

■ 373F36

■ 3C3F3C

■ 423F42

■ 473F49

Harmonies

Analogous

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



363A00



163F10



00422A

Triad

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



163F10



003D69



641D2A

Complementary

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



163F10



39103F

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.



5F1E43



163F10



1C3568

Square

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



163F10



00415B



49295A



5D2612

Rectangle

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



163F10



00423C



49295A



641C32

Sweetspot

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



163F10



425240



3F3910



20291E



A8A8A8



292929

Same Dimension

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



163F10



125208



103F21



1C1F1C



0C5E00



1CDE00

Inverse Universe

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



39103F



480852



3F102E



1E1C1F



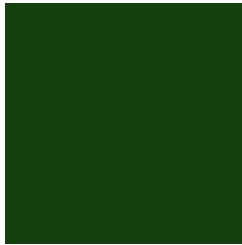
52005E



C200DE

Previews

White Background



This preview shows how the Hex color 163F10 looks on a white background.

Color Contrast Check

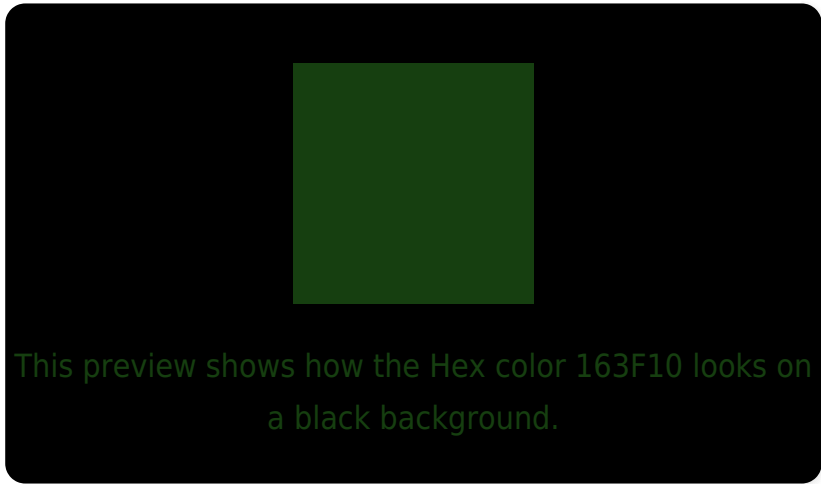
Large Text (above 18pt) WCAG AA ✓ Pass

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

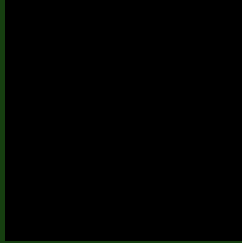
Any Text WCAG AA × Fail

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 163F10 Background



This preview shows how black text looks on a background with the Hex color 163F10.



This preview shows how white text looks on a background with the Hex color 163F10.

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
163F10

Protanopia
3D370E

Deuteranopia
443414



Tritanopia
213B3F

Trichromacy



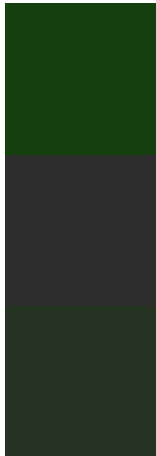
Original Color
163F10

Protanomaly
2F3A0F

Deuteranomaly
333813

Tritanomaly
1D3C2E

Monochromacy



Original Color
163F10

Achromatopsia
2D2D2D

Achromatomaly
253422

CSS Examples

Text

The CSS property to change the color of the text to Hex 163F10 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 #163F10 looks like.

```
.text, #text, p{  
    color:#163F10  
}
```

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 #163F10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163F10  
}
```

Border

The CSS property to change the border of an element to Hex 163F10 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  
#163F10 }
```

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

```
.border{ border-color:#163F10 }
```

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

Here you see how a box with a 4 pixel #163F10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163F10; -webkit-box-shadow:4px 4px  
4px 4px #163F10; box-shadow:4px 4px 4px  
4px #163F10 }
```

Background

The CSS property to change the background color of an element to Hex 163F10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163F10 }
```

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

```
.background{ background-color:#163F10 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor