

Converting Colors

Hex(163804)

Have a look what the booklet for
Hex(163804) contains.

Hex(163804)	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(163804)

Conversions

Conversions Part 1

Format	Color
Hex	163804
RGB	22, 56, 4
RGB Percent	9%, 22%, 2%
CMY	0.9137, 0.7804, 0.9843
CMYK	0.61, 0.00, 0.93, 0.78
HSL	99°, 87%, 12%
HSV	99°, 93%, 22%
XYZ	1.7670, 3.0077, 0.6023
YIQ	39.9060, -3.5720, -23.3800

Conversions

Conversions Part 2

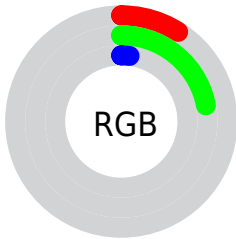
Format	Color
R_{YB}	4, 56, 38
Decimal	1456132
CIE _{Lab}	20.07, -23.04, 26.00
CIE _{LCh}	20, 34.737, 131.549
Yxy	3.0077, 0.3286, 0.5594
Android (android.graphics.Color)	4279646212 (0xFF163804)
YUV	39.9060, -17.7017, -15.7036
Hunter-Lab	17.3427, -12.1632, 10.0809

Details

The Hex color **163804** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **260438**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **456732**, and **000100** is the 20% darker color. If you saturate the color by 10%, you get **133800**, and if you desaturate by 10%, it is **1A380A**.

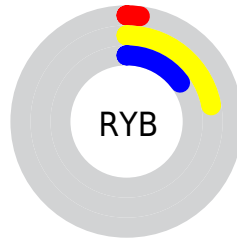
Distribution



Red (9%)

Green (22%)

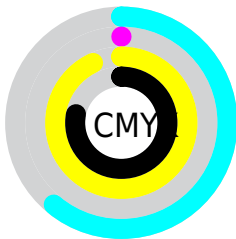
Blue (2%)



Red (2%)

Yellow (22%)

Blue (15%)

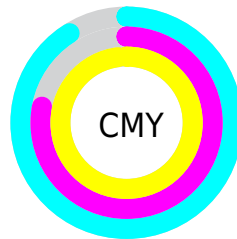


Cyan (61%)

Magenta (0%)

Yellow (93%)

Black (78%)



Cyan (91%)

Magenta (78%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163804 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 163804 by changing the saturation by 10% instead.

 163804

 163804

 FFFFE8

 002300

 456732

 000100

 5E814A

 000000

 779B62

 92B67B

 ADD195

 C8EEB0

 E5FFCC

 163804

 163804

■ 133800

■ 1A380A

■ 1D380F

■ 213815

■ 25381A

■ 283820

■ 2C3826

■ 30382B

■ 333831

■ 373836

Harmonies

Analogous

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



343200



163804



003B1F

Triad

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



163804



003861



5D1428

Complementary

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



163804



260438

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.



561841



163804



003063

Square

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



163804



003B52



3E2557



581E0F

Rectangle

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



163804



003C31



3E2557



5C1430

Sweetspot

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



163804



3C4A35



382604



1E2619



A6A6A6



262626

Same Dimension

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



163804



1A4A00



04380C



1A1C19



205C00



4CDB00

Inverse Universe

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



260438



30004A



380430



1B191C



3C005C



8F00DB

Previews

White Background



This preview shows how the Hex color 163804 looks on a white background.

Color Contrast Check

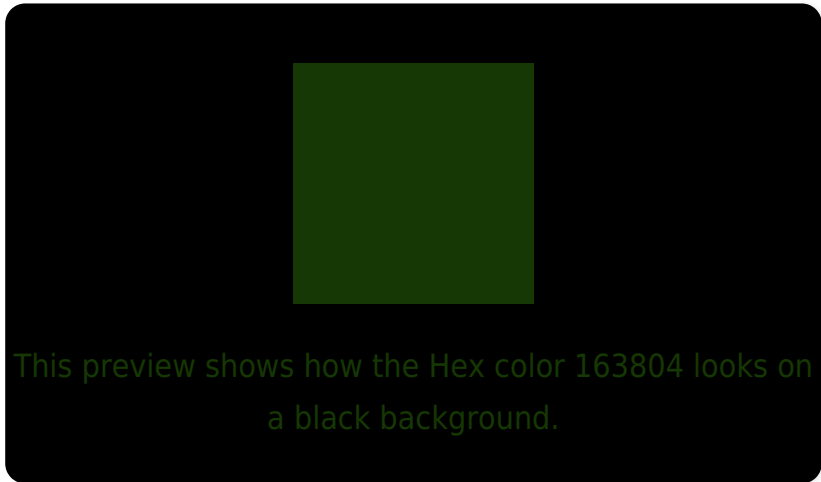
Large Text (above 18pt) WCAG AA ✓ Pass

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

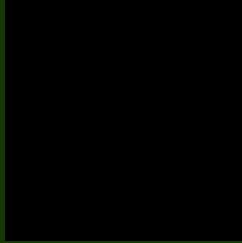
Any Text WCAG AA × Fail

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 163804 Background



This preview shows how black text looks on a background with the Hex color 163804.



This preview shows how white text looks on a background with the Hex color 163804.

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](#).

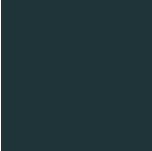
Dichromacy



Original Color
163804

Protanopia
373100

Deuteranopia
3D2E0C



Tritanopia
1F3438

Trichromacy



Original Color
163804

Protanomaly
2B3401

Deuteranomaly
2F3209

Tritanomaly
1C3525

Monochromacy



Original Color
163804

Achromatopsia
282828

Achromatomaly
212E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 163804 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 #163804 looks like.

```
.text, #text, p{  
    color:#163804  
}
```

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 #163804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163804
}
```

Border

The CSS property to change the border of an element to Hex 163804 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".

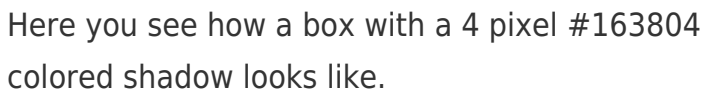
```
.border, #border, table{ border:4px solid
#163804 }
```

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

```
.border{ border-color:#163804 }
```

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

Here you see how a box with a 4 pixel #163804 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163804; -webkit-box-shadow:4px 4px  
4px 4px #163804; box-shadow:4px 4px 4px  
4px #163804 }
```

Background

The CSS property to change the background color of an element to Hex 163804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163804 }
```

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

```
.background{ background-color:#163804 }
```

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