

Converting Colors

Hex(163304)

Have a look what the booklet for
Hex(163304) contains.

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Color

Hex(163304)

Conversions

Conversions Part 1

Format	Color
Hex	163304
RGB	22, 51, 4
RGB Percent	9%, 20%, 2%
CMY	0.9137, 0.8000, 0.9843
CMYK	0.57, 0.00, 0.92, 0.80
HSL	97°, 85%, 11%
HSV	97°, 92%, 20%
XYZ	1.5366, 2.5470, 0.5255
YIQ	36.9710, -2.1970, -20.7650

Conversions

Conversions Part 2

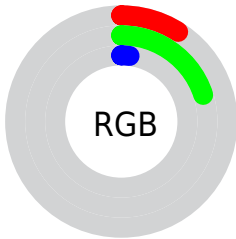
Format	Color
R_{YB}	4, 51, 33
Decimal	1454852
CIE _{Lab}	18.13, -20.68, 23.74
CIE _{LCh}	18, 31.487, 131.060
Yxy	2.5470, 0.3334, 0.5526
Android (android.graphics.Color)	4279644932 (0xFF163304)
YUV	36.9710, -16.2547, -13.1296
Hunter-Lab	15.9593, -10.7422, 9.2193

Details

The Hex color **163304** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **210433**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **446232**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **143300**, and if you desaturate by 10%, it is **193309**.

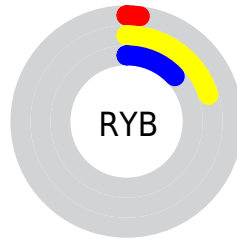
Distribution



Red (9%)

Green (20%)

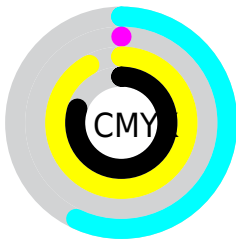
Blue (2%)



Red (2%)

Yellow (20%)

Blue (13%)

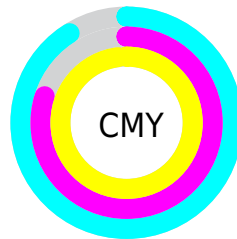


Cyan (57%)

Magenta (0%)

Yellow (92%)

Black (80%)



Cyan (91%)


Magenta (80%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163304 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 163304 by changing the saturation by 10% instead.

 163304

 163304

 FFFFE7

 001F00

 446232

 000000

 5C7B49

 769561

 90AF7A

 ABCB94

 C6E7AF

 E2FFCB

 163304

 163304

■ 143300

■ 193309

■ 1C330E

■ 1F3313

■ 233318

■ 26331D

■ 293323

■ 2C3328

■ 2F332D

■ 323332

Harmonies

Analogous

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



302E00



163304



00361D

Triad

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



163304



003357



551425

Complementary

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



163304



210433

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.



4D183C



163304



012C59

Square

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



163304



00364A



38224F



501C0F

Rectangle

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



163304



00372C



38224F



54142C

Sweetspot

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



163304



374230



332104



1A2116



A1A1A1



212121

Same Dimension

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



163304



194200



043309



181A17



225900



53D900

Inverse Universe

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



210433



290042



33042E



19171A



370059



8600D9

Previews

White Background



This preview shows how the Hex color 163304 looks on a white background.

Color Contrast Check

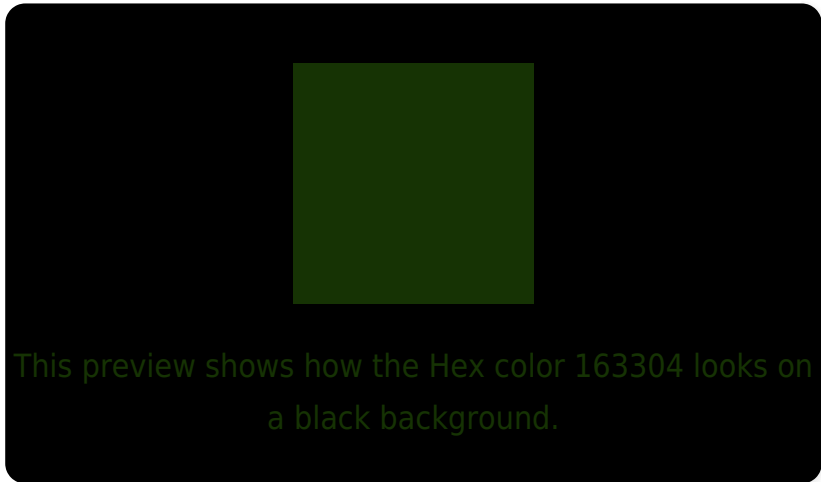
Large Text (above 18pt) WCAG AA ✓ Pass

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

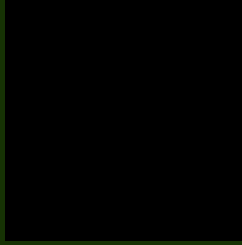
Any Text WCAG AA × Fail

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 163304 Background



This preview shows how black text looks on a background with the Hex color 163304.



This preview shows how white text looks on a background with the Hex color 163304.

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
163304

Protanopia
322D00

Deuteranopia
382A0B



Tritanopia
1E2F33

Trichromacy



Original Color
163304

Protanomaly
282F01

Deuteranomaly
2C2D08

Tritanomaly
1B3022

Monochromacy



Original Color
163304

Achromatopsia
252525

Achromatomaly
202A19

CSS Examples

Text

The CSS property to change the color of the text to Hex 163304 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 #163304 looks like.

```
.text, #text, p{  
    color:#163304  
}
```

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 #163304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163304
}
```

Border

The CSS property to change the border of an element to Hex 163304 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".

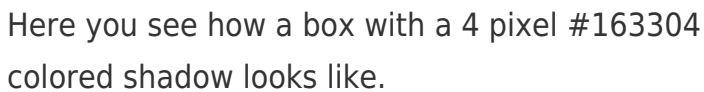
```
.border, #border, table{ border:4px solid
#163304 }
```

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

```
.border{ border-color:#163304 }
```

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

Here you see how a box with a 4 pixel #163304 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163304; -webkit-box-shadow:4px 4px  
4px 4px #163304; box-shadow:4px 4px 4px  
4px #163304 }
```

Background

The CSS property to change the background color of an element to Hex 163304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163304 }
```

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

```
.background{ background-color:#163304 }
```

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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