

Converting Colors

Hex(163244)

Have a look what the booklet for
Hex(163244) contains.

Hex(163244)	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(163244)

Conversions

Conversions Part 1

Format	Color
Hex	163244
RGB	22, 50, 68
RGB Percent	9%, 20%, 27%
CMY	0.9137, 0.8039, 0.7333
CMYK	0.68, 0.26, 0.00, 0.73
HSL	203°, 51%, 18%
HSV	203°, 68%, 27%
XYZ	2.5149, 2.8691, 5.8901
YIQ	43.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

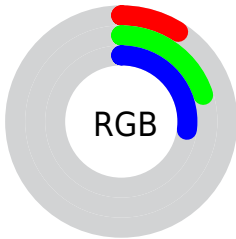
Format	Color
R_{YB}	22, 39, 68
Decimal	1454660
CIE _{Lab}	19.51, -4.08, -14.41
CIE _{LCh}	20, 14.978, 254.204
Yxy	2.8691, 0.2231, 0.2545
Android (android.graphics.Color)	4279644740 (0xFF163244)
YUV	43.6800, 11.9898, -19.0134
Hunter-Lab	16.9385, -3.1404, -8.7602

Details

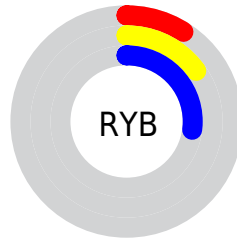
The Hex color **163244** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **442816**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **466074**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **0F2F44**, and if you desaturate by 10%, it is **1D3544**.

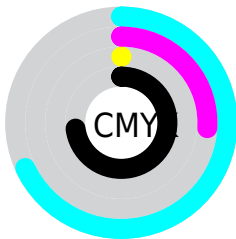
Distribution



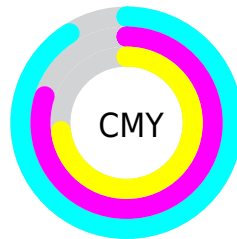
- Red (9%)
- Green (20%)
- Blue (27%)



- Red (9%)
- Yellow (15%)
- Blue (27%)



- Cyan (68%)
- Magenta (26%)
- Yellow (0%)
- Black (73%)



- Cyan (91%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163244 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 163244 by changing the saturation by 10% instead.

■ 163244

■ 163244

FFFFFF

■ 001D2E

■ 466074

■ 00011A

■ 5F798E

■ 000000

■ 7893A8

■ 93ADC3

■ AEC8DF

■ C9E5FC

■ E6FFFF

■ 163244

■ 163244

■ 0F2F44

■ 1D3544

■ 082D44

■ 243744

■ 022A44

■ 2A3A44

■ 002944

■ 313D44

■ 383F44

■ 3F4244

■ 464544

■ 4C4744

■ 534A44

Harmonies

Analogous

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



06343E



163244



282F44

Triad

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



163244



45272A



25331F

Complementary

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



163244



442816

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.



31301A



163244



432921

Square

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



163244



412835



3C2D1A



183529

Rectangle

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



163244



332C41



3C2D1A



29321D

Sweetspot

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



163244



475259



164428



232A2E



ADADAD



2E2E2E

Same Dimension

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



163244



113D59



161B44



1E2021



003B61



0089E0

Inverse Universe

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



441632



59113D



443F16



211E20



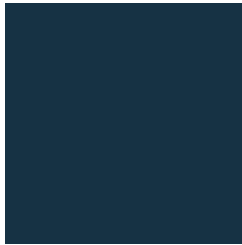
61003B



E00089

Previews

White Background



This preview shows how the Hex color 163244 looks on a white background.

Color Contrast Check

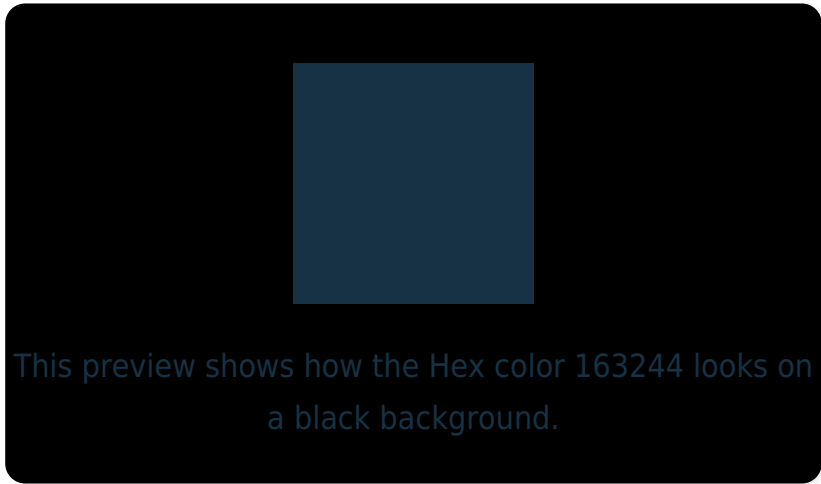
Large Text (above 18pt) WCAG AA ✓ Pass

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

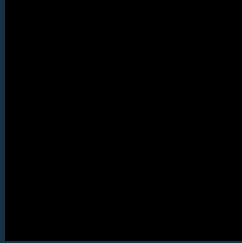
Any Text WCAG AA × Fail

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 163244 Background



This preview shows how black text looks on a background with the Hex color 163244.



This preview shows how white text looks on a background with the Hex color 163244.

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](#).

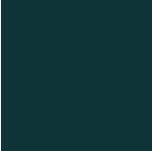
Dichromacy



Original Color
163244

Protanopia
2A2F41

Deuteranopia
272F45



Tritanopia
0F3438

Trichromacy



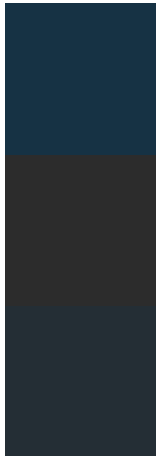
Original Color
163244

Protanomaly
233042

Deuteranomaly
213045

Tritanomaly
12333C

Monochromacy



Original Color
163244

Achromatopsia
2C2C2C

Achromatomaly
242E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 163244 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 #163244 looks like.

```
.text, #text, p{  
    color:#163244  
}
```

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 #163244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163244
}
```

Border

The CSS property to change the border of an element to Hex 163244 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
#163244 }
```

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

```
.border{ border-color:#163244 }
```

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

Here you see how a box with a 4 pixel #163244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163244; -webkit-box-shadow:4px 4px  
4px 4px #163244; box-shadow:4px 4px 4px  
4px #163244 }
```

Background

The CSS property to change the background color of an element to Hex 163244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163244 }
```

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

```
.background{ background-color:#163244 }
```

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