

Converting Colors

Hex(163224)

Have a look what the booklet for
Hex(163224) contains.

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Color

Hex(163224)

Conversions

Conversions Part 1

Format	Color
Hex	163224
RGB	22, 50, 36
RGB Percent	9%, 20%, 14%
CMY	0.9137, 0.8039, 0.8588
CMYK	0.56, 0.00, 0.28, 0.80
HSL	150°, 39%, 14%
HSV	150°, 56%, 20%
XYZ	1.7899, 2.5792, 2.0726
YIQ	40.0320, -12.1940, -10.2900

Conversions

Conversions Part 2

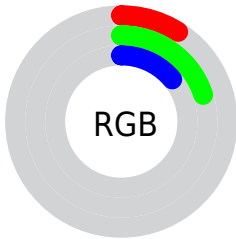
Format	Color
R_{YB}	22, 41, 50
Decimal	1454628
CIE Lab	18.27, -14.70, 5.69
CIE LCh	18, 15.765, 158.841
Yxy	2.5792, 0.2779, 0.4004
Android (android.graphics.Color)	4279644708 (0xFF163224)
YUV	40.0320, -1.9878, -15.8141
Hunter-Lab	16.0597, -8.2101, 3.5903

Details

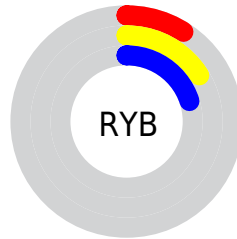
The Hex color **163224** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **321624**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **436150**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **113222**, and if you desaturate by 10%, it is **1B3227**.

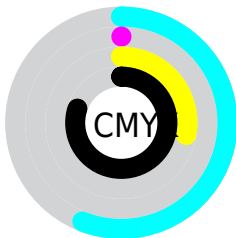
Distribution



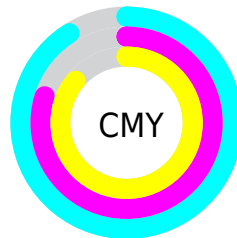
- Red (9%)
- Green (20%)
- Blue (14%)



- Red (9%)
- Yellow (16%)
- Blue (20%)



- Cyan (56%)
- Magenta (0%)
- Yellow (28%)
- Black (80%)



- Cyan (91%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163224 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 163224 by changing the saturation by 10% instead.

 163224

 163224

 FDFFF

 001D0F

 436150

 000000

 5B7969

 749382

 8EAE9C

 A8C9B7

 C4E5D2

 E0FFEE

 163224

 163224

■ 113222

■ 1B3227

■ 0C321F

■ 203229

■ 07321D

■ 25322C

■ 02321A

■ 2A322E

■ 003219

■ 2F3231

■ 343233

■ 393236

■ 3E3238

■ 43323B

Harmonies

Analogous

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



24301A



163224



053330

Triad

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



163224



212D43



41251F

Complementary

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



163224



321624

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.



43242A



163224



32283E

Square

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



163224



0C3042



3E2535



3B2918

Rectangle

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



163224



003237



3E2535



422522

Sweetspot

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



163224



35403A



243216



1B211E



A1A1A1



212121

Same Dimension

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



163224



15402A



163232



171A18



00592D



00D96C

Inverse Universe

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



321624



40152A



321616



1A1718



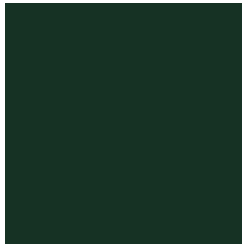
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 163224 looks on a white background.

Color Contrast Check

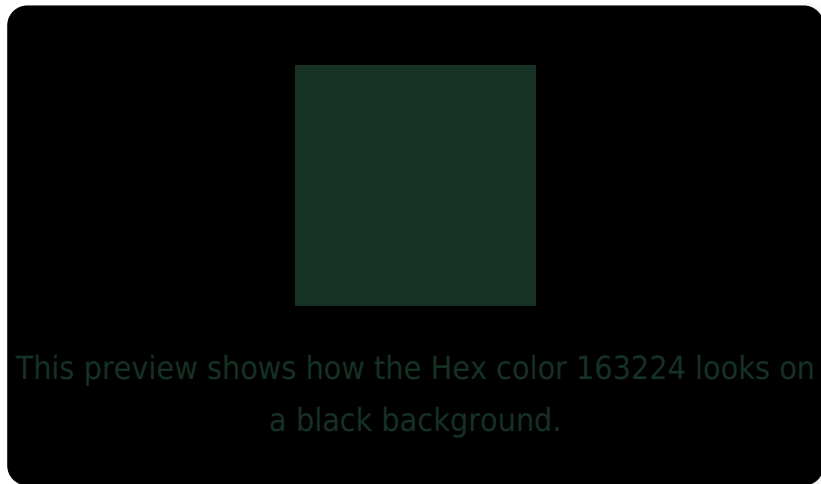
Large Text (above 18pt) WCAG AA ✓ Pass

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

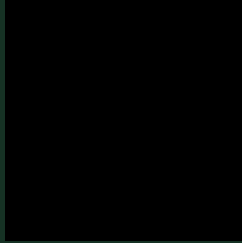
Any Text WCAG AA × Fail

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 163224 Background



This preview shows how black text looks on a background with the Hex color 163224.



This preview shows how white text looks on a background with the Hex color 163224.

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
163224

Protanopia
302D21

Deuteranopia
332B26



Tritanopia
1B3034

Trichromacy



Original Color
163224

Protanomaly
272F22

Deuteranomaly
282E25

Tritanomaly
19312E

Monochromacy



Original Color
163224

Achromatopsia
282828

Achromatomaly
212C27

CSS Examples

Text

The CSS property to change the color of the text to Hex 163224 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 #163224 looks like.

```
.text, #text, p{  
    color:#163224  
}
```

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 #163224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163224
}
```

Border

The CSS property to change the border of an element to Hex 163224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

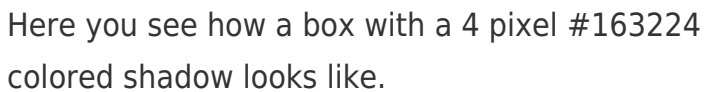
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#163224 }
```

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

```
.border{ border-color:#163224 }
```

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



Here you see how a box with a 4 pixel #163224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163224; -webkit-box-shadow:4px 4px  
4px 4px #163224; box-shadow:4px 4px 4px  
4px #163224 }
```

Background

The CSS property to change the background color of an element to Hex 163224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163224 }
```

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

```
.background{ background-color:#163224 }
```

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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