

Converting Colors

Hex(163571)

Have a look what the booklet for
Hex(163571) contains.

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Color

Hex(163571)

Conversions

Conversions Part 1

Format	Color
Hex	163571
RGB	22, 53, 113
RGB Percent	9%, 21%, 44%
CMY	0.9137, 0.7922, 0.5569
CMYK	0.81, 0.53, 0.00, 0.56
HSL	220°, 67%, 26%
HSV	220°, 81%, 44%
XYZ	4.5846, 3.9090, 16.1357
YIQ	50.5710, -37.7360, 12.0880

Conversions

Conversions Part 2

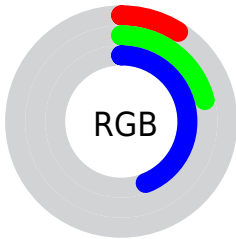
Format	Color
R_{YB}	22, 45, 113
Decimal	1455473
CIE _{Lab}	23.37, 12.32, -37.96
CIE _{LCh}	23, 39.909, 287.977
Yxy	3.9090, 0.1861, 0.1587
Android (android.graphics.Color)	4279645553 (0xFF163571)
YUV	50.5710, 30.7775, -25.0568
Hunter-Lab	19.7713, 6.7913, -34.5477

Details

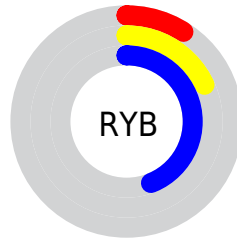
The Hex color **163571** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **715216**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5163A5**, and **000940** is the 20% darker color. If you saturate the color by 10%, you get **0B2E71**, and if you desaturate by 10%, it is **213C71**.

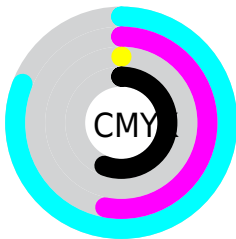
Distribution



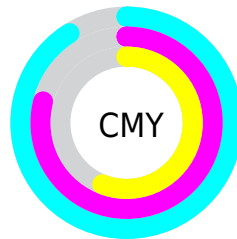
- Red (9%)
- Green (21%)
- Blue (44%)



- Red (9%)
- Yellow (18%)
- Blue (44%)



- Cyan (81%)
- Magenta (53%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (79%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163571 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 163571 by changing the saturation by 10% instead.

■ 163571

■ 163571

FFFFFF

■ 002058

■ 5163A5

■ 000940

■ 6C7CC1

■ 00032A

■ 8796DD

■ 000114

■ A3B0FA

■ 000000

■ BFCCFF

■ DBE8FF

■ F9FFFF

■ 163571

■ 163571

■ 0B2E71

■ 213C71

■ 002671

■ 2D4471

■ 384B71

■ 435371

■ 4F5A71

■ 5A6271

■ 656971

■ 707171

■ 7C7871

Harmonies

Analogous

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



003F72



163571



4F2660

Triad

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



163571



62240A



00442A

Complementary

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



163571



715216

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.



09410B



163571



4F3200

Square

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



163571



6C1727



353C00



004549

Rectangle

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



163571



611C4F



353C00



004320

Sweetspot

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



163571



707C94



167151



353C4A



C9C9C9



4A4A4A

Same Dimension

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



163571



043594



241671



323438



002978



0054F7

Inverse Universe

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



711635



940435



637116



383234



780029



F70054

Previews

White Background



This preview shows how the Hex color 163571 looks on a white background.

Color Contrast Check

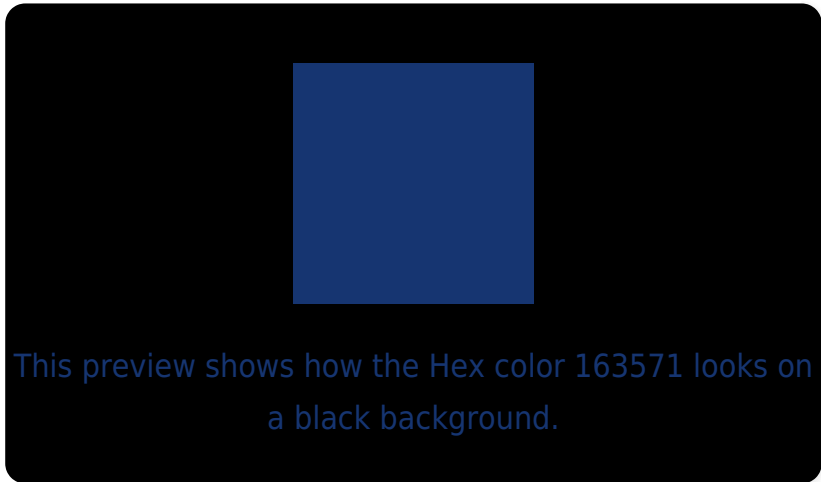
Large Text (above 18pt) WCAG AA ✓ Pass

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

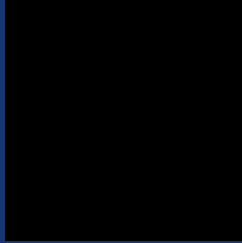
Any Text WCAG AA × Fail

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 163571 Background



This preview shows how black text looks on a background with the Hex color 163571.



This preview shows how white text looks on a background with the Hex color 163571.

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
163571

Protanopia
083672

Deuteranopia
003963



Tritanopia
003E42

Trichromacy



Original Color
163571

Protanomaly
0D3672

Deuteranomaly
083868

Tritanomaly
083B53

Monochromacy



Original Color
163571

Achromatopsia
333333

Achromatomaly
28344A

CSS Examples

Text

The CSS property to change the color of the text to Hex 163571 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 #163571 looks like.

```
.text, #text, p{  
    color:#163571  
}
```

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 #163571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163571
}
```

Border

The CSS property to change the border of an element to Hex 163571 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
#163571 }
```

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

```
.border{ border-color:#163571 }
```

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

Here you see how a box with a 4 pixel #163571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163571; -webkit-box-shadow:4px 4px  
4px 4px #163571; box-shadow:4px 4px 4px  
4px #163571 }
```

Background

The CSS property to change the background color of an element to Hex 163571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163571 }
```

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

```
.background{ background-color:#163571 }
```

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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