

Converting Colors

Hex(23165C)

Have a look what the booklet for
Hex(23165C) contains.

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Color

Hex(23165C)

Conversions

Conversions Part 1

Format	Color
Hex	23165C
RGB	35, 22, 92
RGB Percent	14%, 9%, 36%
CMY	0.8627, 0.9137, 0.6392
CMYK	0.62, 0.76, 0.00, 0.64
HSL	251°, 61%, 22%
HSV	251°, 76%, 36%
XYZ	2.9118, 1.7039, 10.3006
YIQ	33.8670, -14.7220, 24.5260

Conversions

Conversions Part 2

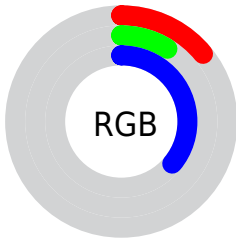
Format	Color
RYB	35, 22, 92
Decimal	2299484
CIELab	13.85, 27.79, -39.67
CIELCh	14, 48.432, 305.015
Yxy	1.7039, 0.1952, 0.1142
Android (android.graphics.Color)	4280489564 (0xFF23165C)
YUV	33.8670, 28.6596, 0.9936
Hunter-Lab	13.0532, 16.9756, -37.6502




Details

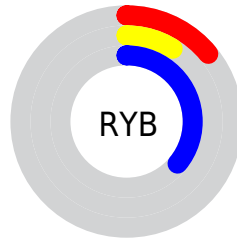
The Hex color **23165C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4F5C16**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **57428F**, and **00022D** is the 20% darker color. If you saturate the color by 10%, you get **1C0D5C**, and if you desaturate by 10%, it is **2A1F5C**.

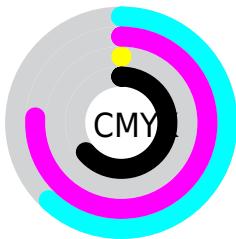
Distribution







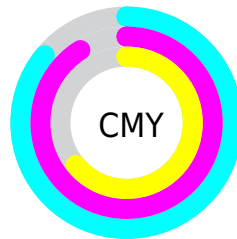
-  Red (14%)
-  Green (9%)
-  Blue (36%)






-  Red (14%)
-  Yellow (9%)
-  Blue (36%)



-  Cyan (62%)
-  Magenta (76%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (86%)
-  Magenta (91%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23165C 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 23165C by changing the saturation by 10% instead.

■ 23165C

■ 23165C

■ FFFBFF

■ 060044

■ 57428F

■ 00022D

■ 715AAA

■ 000117

■ 8C73C5

■ 000000

■ A78CE2

■ C3A7FE

■ E0C2FF

■ FDDEFF

■ 23165C

■ 23165C

■ 1C0D5C

■ 2A1F5C

■ 14045C

■ 32285C

■ 11005C

■ 39325C

■ 413B5C

■ 48445C

■ 504D5C

■ 57565C

■ 5F605C

■ 66695C

Harmonies

Analogous

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



002769



23165C



4D0041

Triad

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



23165C



431500



003128

Complementary

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



23165C



4F5C16

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.



002F00



23165C



282400

Square

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



23165C



550000



002B00



00304A

Rectangle

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



23165C



58002B



002B00



00301C

Sweetspot

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



23165C



615C78



164F5C



2F2C3D



BDBDBD



3D3D3D

Same Dimension

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



23165C



1F0B78



46165C



2A292E



14006E



2C00ED

Inverse Universe

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



5C164F



780B64



2C5C16



2E292D



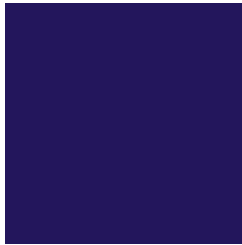
6E0059



ED00C1

Previews

White Background



This preview shows how the Hex color 23165C looks on a white background.

Color Contrast Check

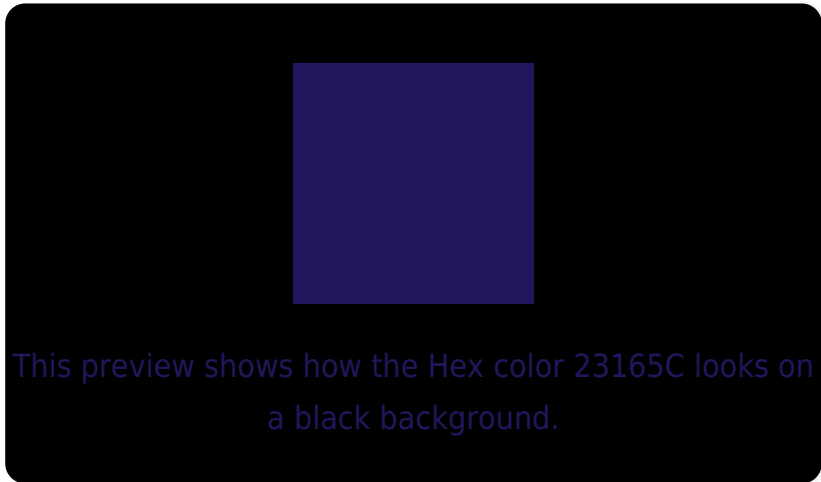
Large Text (above 18pt) WCAG AA ✓ Pass

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

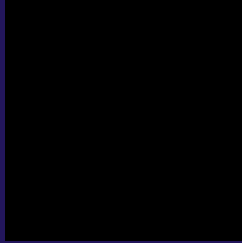
Any Text WCAG AA × Fail

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 23165C Background



This preview shows how black text looks on a background with the Hex color 23165C.



This preview shows how white text looks on a background with the Hex color 23165C.

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
23165C

Protanopia
00234A

Deuteranopia
00253F



Tritanopia
05282B

Trichromacy



Original Color
23165C

Protanomaly
0D1E51

Deuteranomaly
0D204A

Tritanomaly
10213D

Monochromacy



Original Color
23165C

Achromatopsia
222222

Achromatomaly
221E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 23165C 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 #23165C looks like.

```
.text, #text, p{  
    color:#23165C  
}
```

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 #23165C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23165C
}
```

Border

The CSS property to change the border of an element to Hex 23165C is called "border". The border property can be set on classes, ids or directly on the HTML element.

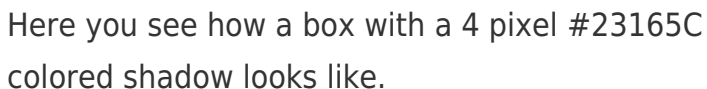
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23165C }
```

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

```
.border{ border-color:#23165C }
```

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



Here you see how a box with a 4 pixel #23165C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23165C; -webkit-box-shadow:4px 4px  
4px 4px #23165C; box-shadow:4px 4px 4px  
4px #23165C }
```

Background

The CSS property to change the background color of an element to Hex 23165C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23165C }
```

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

```
.background{ background-color:#23165C }
```

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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