

Converting Colors

Hex(23216C)

Have a look what the booklet for
Hex(23216C) contains.

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Color

Hex(23216C)

Conversions

Conversions Part 1

Format	Color
Hex	23216C
RGB	35, 33, 108
RGB Percent	14%, 13%, 42%
CMY	0.8627, 0.8706, 0.5765
CMYK	0.68, 0.69, 0.00, 0.58
HSL	242°, 53%, 28%
HSV	242°, 69%, 42%
XYZ	3.9438, 2.5277, 14.4674
YIQ	42.1480, -22.8830, 23.7490

Conversions

Conversions Part 2

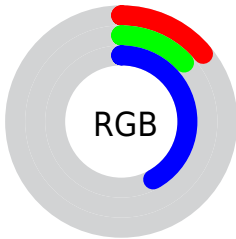
Format	Color
R_{YB}	35, 33, 108
Decimal	2302316
CIE _{Lab}	18.04, 26.36, -43.36
CIE _{LCh}	18, 50.744, 301.296
Yxy	2.5277, 0.1883, 0.1207
Android (android.graphics.Color)	4280492396 (0xFF23216C)
YUV	42.1480, 32.4650, -6.2688
Hunter-Lab	15.8989, 16.4544, -42.8225

Details

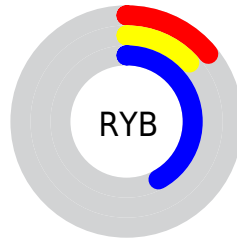
The Hex color **23216C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6A6C21**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5A4EA0**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **18166C**, and if you desaturate by 10%, it is **2E2C6C**.

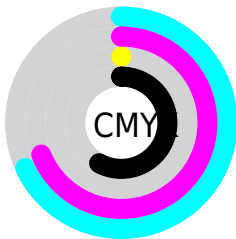
Distribution



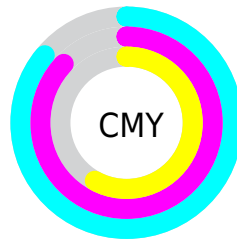
- Red (14%)
- Green (13%)
- Blue (42%)



- Red (14%)
- Yellow (13%)
- Blue (42%)



- Cyan (68%)
- Magenta (69%)
- Yellow (0%)
- Black (58%)



- Cyan (86%)
- Magenta (87%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23216C 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 23216C by changing the saturation by 10% instead.

■ 23216C

■ 23216C

FFFFFF

■ 000D53

■ 5A4EA0

■ 00003C

■ 7466BC

■ 000225

■ 907FD8

■ 00010D

■ AB99F4

■ 000000

■ C8B4FF

■ E4CFFF

■ FFECFF

■ 23216C

■ 23216C

■ 18166C

■ 2E2C6C

■ 0E0B6C

■ 38376C

■ 03016C

■ 43416C

■ 03006C

■ 4D4C6C

■ 58576C

■ 62626C

■ 6D6D6C

■ 77776C

■ 82826C

Harmonies

Analogous

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



003177



23216C



570050

Triad

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



23216C



521A00



003A2D

Complementary

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



23216C



6A6C21

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.



003801



23216C



362C00

Square

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



23216C



640004



0D3400



003A52

Rectangle

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



23216C



650038



0D3400



003A20

Sweetspot

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



23216C



706F8C



216B6C



363647



C7C7C7



474747

Same Dimension

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



23216C



1B188C



48216C



303036



030075



0700F5

Inverse Universe

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



6C216A



8C1889



456C21



363035



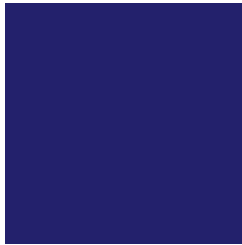
750072



F500EE

Previews

White Background



This preview shows how the Hex color 23216C looks on a white background.

Color Contrast Check

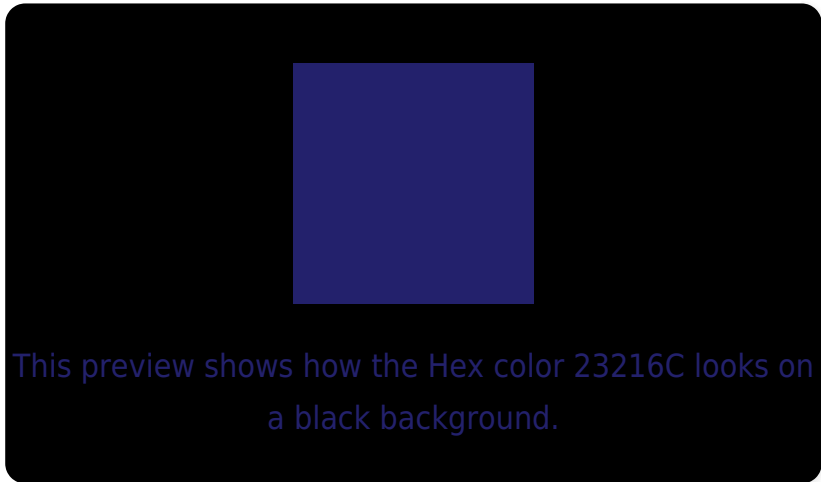
Large Text (above 18pt) WCAG AA ✓ Pass

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

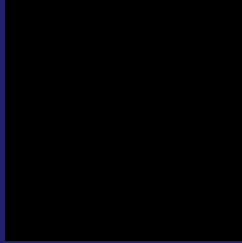
Any Text WCAG AA × Fail

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 23216C Background



This preview shows how black text looks on a background with the Hex color 23216C.



This preview shows how white text looks on a background with the Hex color 23216C.

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
23216C

Protanopia
002B5B

Deuteranopia
002E4E

Trichromacy



Original Color
23216C

Protanomaly
0D2761

Deuteranomaly
0D2959

Tritanomaly
0D2C49

Monochromacy



Original Color
23216C

Achromatopsia
2A2A2A

Achromatomaly
272742

CSS Examples

Text

The CSS property to change the color of the text to Hex 23216C 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 #23216C looks like.

```
.text, #text, p{  
    color:#23216C  
}
```

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 #23216C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23216C
}
```

Border

The CSS property to change the border of an element to Hex 23216C 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
#23216C }
```

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

```
.border{ border-color:#23216C }
```

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

Here you see how a box with a 4 pixel #23216C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23216C; -webkit-box-shadow:4px 4px  
4px 4px #23216C; box-shadow:4px 4px 4px  
4px #23216C }
```

Background

The CSS property to change the background color of an element to Hex 23216C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23216C }
```

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

```
.background{ background-color:#23216C }
```

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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