

Converting Colors

Hex(223A83)

Have a look what the booklet for
Hex(223A83) contains.

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Color

Hex(223A83)

Conversions

Conversions Part 1

Format	Color
Hex	223A83
RGB	34, 58, 131
RGB Percent	13%, 23%, 51%
CMY	0.8667, 0.7725, 0.4863
CMYK	0.74, 0.56, 0.00, 0.49
HSL	225°, 59%, 32%
HSV	225°, 74%, 51%
XYZ	6.2695, 5.0049, 22.1083
YIQ	59.1460, -37.7370, 17.6150

Conversions

Conversions Part 2

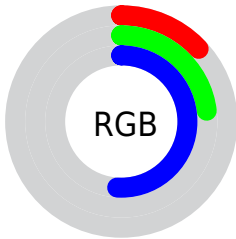
Format	Color
R_{YB}	34, 53, 131
Decimal	2243203
CIE _{Lab}	26.75, 17.76, -43.85
CIE _{LCh}	27, 47.308, 292.052
Yxy	5.0049, 0.1878, 0.1499
Android (android.graphics.Color)	4280433283 (0xFF223A83)
YUV	59.1460, 35.4240, -22.0530
Hunter-Lab	22.3716, 10.8730, -42.9321

Details

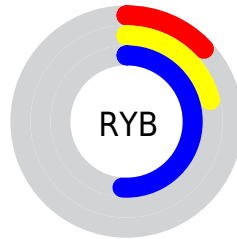
The Hex color **223A83** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **836B22**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5C69B9**, and **001151** is the 20% darker color. If you saturate the color by 10%, you get **153083**, and if you desaturate by 10%, it is **2F4483**.

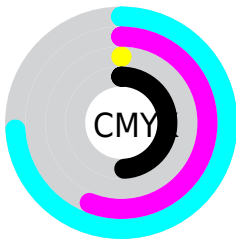
Distribution



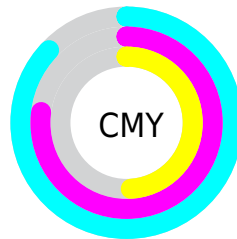
- Red (13%)
- Green (23%)
- Blue (51%)



- Red (13%)
- Yellow (21%)
- Blue (51%)



- Cyan (74%)
- Magenta (56%)
- Yellow (0%)
- Black (49%)



- Cyan (87%)
- Magenta (77%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223A83 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 223A83 by changing the saturation by 10% instead.

■ 223A83

■ 223A83

FFFFFF

■ 002569

■ 5C69B9

■ 001151

■ 7882D5

■ 000239

■ 949CF1

■ 000223

■ B0B6FF

■ 000009

■ CDD2FF

■ 000000

■ EAEEFF

■ 223A83

■ 223A83

■ 153083

■ 2F4483

■ 082683

■ 3C4E83

■ 002083

■ 495883

■ 566183

■ 636B83

■ 717583

■ 7E7F83

■ 8B8983

■ 989383

Harmonies

Analogous

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



004788



223A83



60276C

Triad

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



223A83



6F2901



004E34

Complementary

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



223A83



836B22

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.



004B0D



223A83



573A00

Square

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



223A83



7D1527



354500



004F59

Rectangle

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



223A83



741856



354500



004D27

Sweetspot

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



223A83



858FAB



22836B



404657



D6D6D6



575757

Same Dimension

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



223A83



1338AB



3A2283



3C3D42



002082



000103

Inverse Universe

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



83223A



AB1338



6B8322



423C3D



820020



030001

Previews

White Background



This preview shows how the Hex color 223A83 looks on a white background.

Color Contrast Check

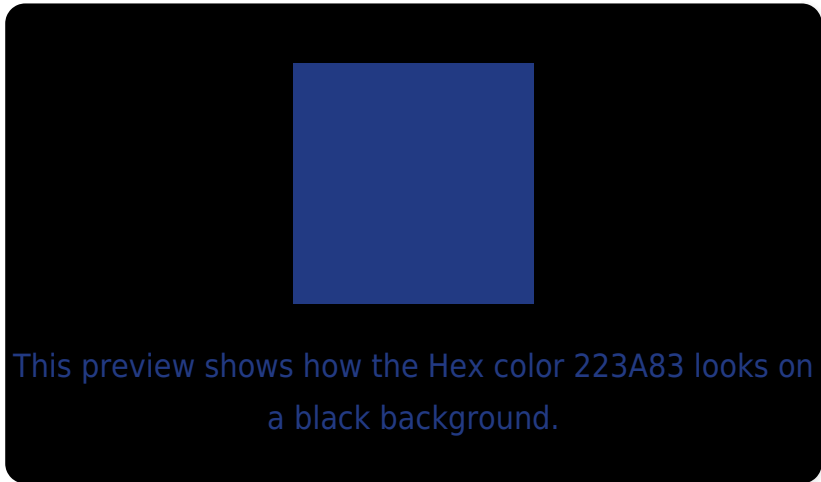
Large Text (above 18pt) WCAG AA ✓ Pass

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

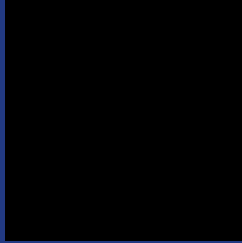
Any Text WCAG AA × Fail

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 223A83 Background



This preview shows how black text looks on a background with the Hex color 223A83.



This preview shows how white text looks on a background with the Hex color 223A83.

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
223A83

Protanopia
003D81

Deuteranopia
004170



Tritanopia
00464B

Trichromacy



Original Color
223A83

Protanomaly
0C3C82

Deuteranomaly
0C3E77

Tritanomaly
0C425F

Monochromacy



Original Color
223A83

Achromatopsia
3B3B3B

Achromatomaly
323B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 223A83 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 #223A83 looks like.

```
.text, #text, p{  
    color:#223A83  
}
```

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 #223A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223A83
}
```

Border

The CSS property to change the border of an element to Hex 223A83 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
#223A83 }
```

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

```
.border{ border-color:#223A83 }
```

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

Here you see how a box with a 4 pixel #223A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223A83; -webkit-box-shadow:4px 4px  
4px 4px #223A83; box-shadow:4px 4px 4px  
4px #223A83 }
```

Background

The CSS property to change the background color of an element to Hex 223A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223A83 }
```

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

```
.background{ background-color:#223A83 }
```

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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