

Converting Colors

Hex(223AA5)

Have a look what the booklet for
Hex(223AA5) contains.

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Color

Hex(223AA5)

Conversions

Conversions Part 1

Format	Color
Hex	223AA5
RGB	34, 58, 165
RGB Percent	13%, 23%, 65%
CMY	0.8667, 0.7725, 0.3529
CMYK	0.79, 0.65, 0.00, 0.35
HSL	229°, 66%, 39%
HSV	229°, 79%, 65%
XYZ	8.9643, 6.0828, 36.2989
YIQ	63.0220, -48.6510, 28.1890

Conversions

Conversions Part 2

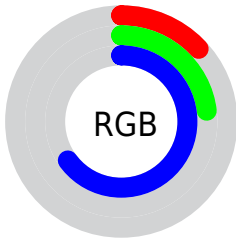
Format	Color
R_{YB}	34, 54, 165
Decimal	2243237
CIE Lab	29.62, 30.96, -60.02
CIE LCh	30, 67.534, 297.281
Yxy	6.0828, 0.1746, 0.1185
Android (android.graphics.Color)	4280433317 (0xFF223AA5)
YUV	63.0220, 50.2752, -25.4523
Hunter-Lab	24.6633, 21.7177, -69.9973




Details

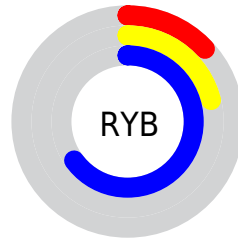
The Hex color **223AA5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A58D22**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **6569DD**, and **001170** is the 20% darker color. If you saturate the color by 10%, you get **122DA5**, and if you desaturate by 10%, it is **3347A5**.

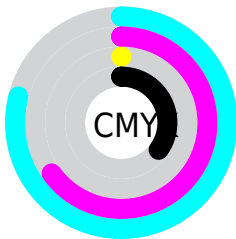
Distribution







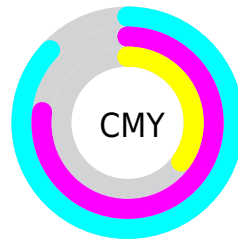
-  Red (13%)
-  Green (23%)
-  Blue (65%)






-  Red (13%)
-  Yellow (21%)
-  Blue (65%)



-  Cyan (79%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (87%)
-  Magenta (77%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223AA5 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 223AA5 by changing the saturation by 10% instead.

■ 223AA5

■ 223AA5

FFFFFF

■ 00258A

■ 6569DD

■ 001170

■ 8382FA

■ 000057

■ A09CFF

■ 00063E

■ BDB7FF

■ 000328

■ DBD3FF

■ 000111

■ F9EFFF

■ 000000

■ 223AA5

■ 223AA5

■ 122DA5

■ 3347A5

■ 011FA5

■ 4355A5

■ 001EA5

■ 5462A5

■ 6470A5

■ 747DA5

■ 858BA5

■ 9598A5

■ A6A6A5

■ B7B3A5

Harmonies

Analogous

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



004FB1



223AA5



7D0980

Triad

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



223AA5



812700



00593F

Complementary

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



223AA5



A58D22

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.



005700



223AA5



5A4300

Square

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



223AA5



98001A



255000



005A75

Rectangle

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



223AA5



94005E



255000



00592D

Sweetspot

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



223AA5



A3ACD6



22A58D



4C526B



EBEBEB



6B6B6B

Same Dimension

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



223AA5



0B30D6



4B22A5



494B52



001B91



000312

Inverse Universe

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



A5223A



D60B30



7CA522



52494B



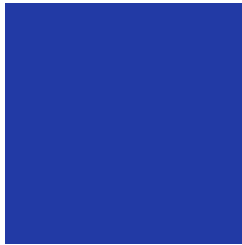
91001B



120003

Previews

White Background



This preview shows how the Hex color 223AA5 looks on a white background.

Color Contrast Check

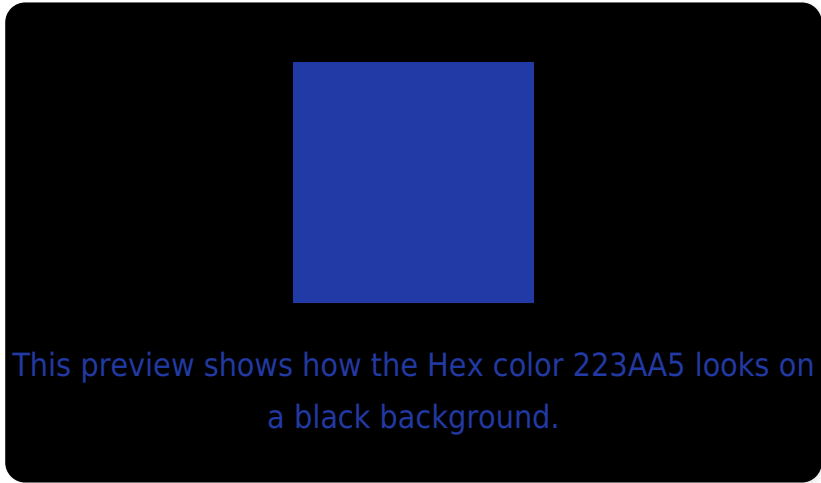
Large Text (above 18pt) WCAG AA ✓ Pass

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

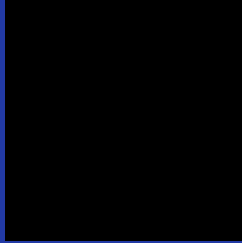
Any Text WCAG AA × Fail

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 223AA5 Background



This preview shows how black text looks on a background with the Hex color 223AA5.



This preview shows how white text looks on a background with the Hex color 223AA5.

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



Trichromacy



Original Color

223AA5

Protanomaly

0C4096

Deuteranomaly

0C4389

Tritanomaly

0C4670

Monochromacy



Original Color

223AA5

Achromatopsia

3F3F3F

Achromatomaly

343D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 223AA5 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 #223AA5 looks like.

```
.text, #text, p{  
    color:#223AA5  
}
```

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 #223AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223AA5  
}
```

Border

The CSS property to change the border of an element to Hex 223AA5 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  
#223AA5 }
```

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

```
.border{ border-color:#223AA5 }
```

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

Here you see how a box with a 4 pixel #223AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223AA5; -webkit-box-shadow:4px 4px  
4px 4px #223AA5; box-shadow:4px 4px 4px  
4px #223AA5 }
```

Background

The CSS property to change the background color of an element to Hex 223AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223AA5 }
```

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

```
.background{ background-color:#223AA5 }
```

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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