

Converting Colors

Hex(203D99)

Have a look what the booklet for
Hex(203D99) contains.

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Color

Hex(203D99)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 203D99 |
| RGB | 32, 61, 153 |
| RGB Percent | 13%, 24%, 60% |
| CMY | 0.8745, 0.7608, 0.4000 |
| CMYK | 0.79, 0.60, 0.00, 0.40 |
| HSL | 226°, 65%, 36% |
| HSV | 226°, 79%, 60% |
| XYZ | 8.0142, 5.9445, 30.8620 |
| YIQ | 62.8170, -46.8160, 22.4640 |

Conversions

Conversions Part 2

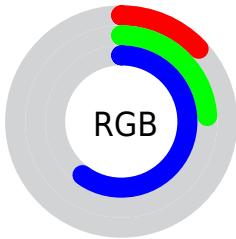
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 32, 55, 153 |
| Decimal | 2112921 |
| CIE _{Lab} | 29.27, 24.11, -53.32 |
| CIE _{LCh} | 29, 58.521, 294.335 |
| Yxy | 5.9445, 0.1788, 0.1326 |
| Android (android.graphics.Color) | 4280303001 (0xFF203D99) |
| YUV | 62.8170, 44.4602, -27.0265 |
| Hunter-Lab | 24.3813, 16.0061, -57.9828 |

Details

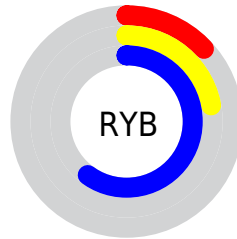
The Hex color **203D99** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **997C20**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **616CD0**, and **001465** is the 20% darker color. If you saturate the color by 10%, you get **113199**, and if you desaturate by 10%, it is **2F4999**.

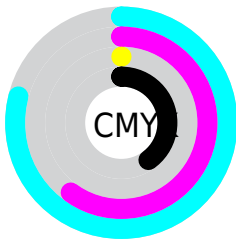
Distribution



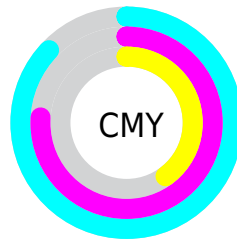
- Red (13%)
- Green (24%)
- Blue (60%)



- Red (13%)
- Yellow (22%)
- Blue (60%)



- Cyan (79%)
- Magenta (60%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (76%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203D99 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 203D99 by changing the saturation by 10% instead.

■ 203D99

■ 203D99

FFFFFF

■ 00287F

■ 616CD0

■ 001465

■ 7E85ED

■ 00004C

■ 9A9FFF

■ 000535

■ B7BAFF

■ 00021E

■ D4D6FF

■ 000001

■ F2F2FF

■ 000000

■ 203D99

■ 203D99

■ 113199

■ 2F4999

■ 012699

■ 3F5499

■ 002599

■ 4E6099

■ 5D6C99

■ 6C7799

■ 7C8399

■ 8B8E99

■ 9A9A99

■ AAA699

Harmonies

Analogous

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



004EA1



203D99



71207B

Triad

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



203D99



7D2A00



00573B

Complementary

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



203D99



997C20

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.



005405



203D99



5D4000

Square

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



203D99



8F0023



324D00



005869

Rectangle

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



203D99



88005F



324D00



00562B

Sweetspot

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



203D99



97A3C7



20997B



474E63



E3E3E3



636363

Same Dimension

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



203D99



0A37C7



3E2099



45474D



00228C



00030D

Inverse Universe

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



99203D



C70A37



7B9920



4D4547



8C0022



0D0003

Previews

White Background



This preview shows how the Hex color 203D99 looks on a white background.

Color Contrast Check

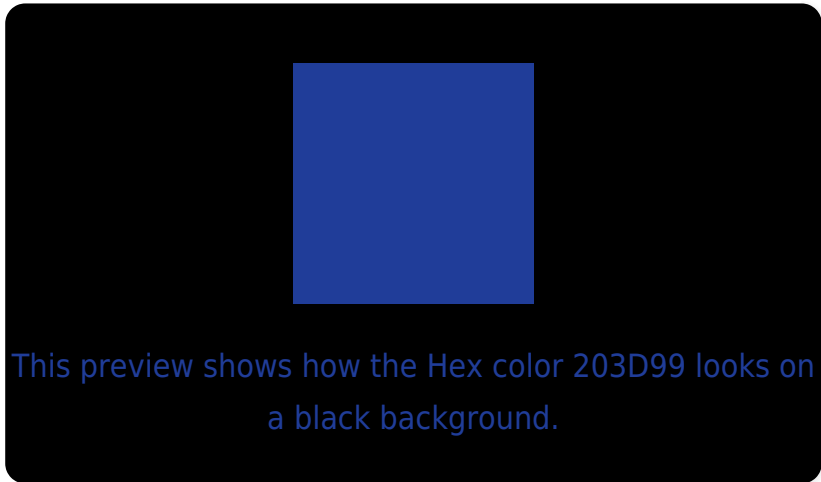
Large Text (above 18pt) WCAG AA ✓ Pass

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

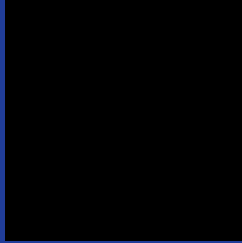
Any Text WCAG AA × Fail

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 203D99 Background



This preview shows how black text looks on a background with the Hex color 203D99.

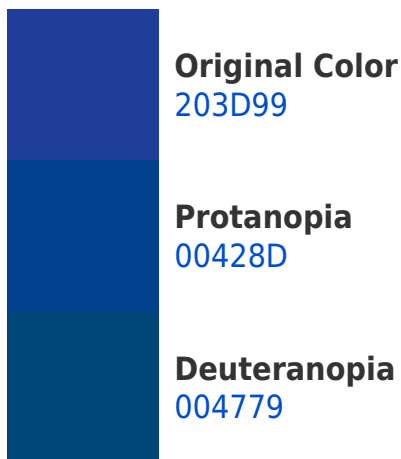


This preview shows how white text looks on a background with the Hex color 203D99.

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





Tritanopia
004D51

Trichromacy



Original Color
203D99

Protanomaly
0C4091

Deuteranomaly
0C4385

Tritanomaly
0C476B

Monochromacy



Original Color
203D99

Achromatopsia
3F3F3F

Achromatomaly
343E60

CSS Examples

Text

The CSS property to change the color of the text to Hex 203D99 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 #203D99 looks like.

```
.text, #text, p{  
    color:#203D99  
}
```

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 #203D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203D99
}
```

Border

The CSS property to change the border of an element to Hex 203D99 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".

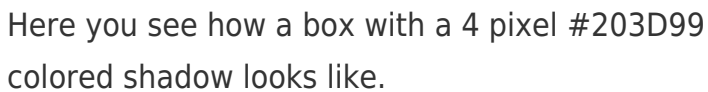
```
.border, #border, table{ border:4px solid
#203D99 }
```

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

```
.border{ border-color:#203D99 }
```

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

Here you see how a box with a 4 pixel #203D99 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203D99; -webkit-box-shadow:4px 4px  
4px 4px #203D99; box-shadow:4px 4px 4px  
4px #203D99 }
```

Background

The CSS property to change the background color of an element to Hex 203D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203D99 }
```

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

```
.background{ background-color:#203D99 }
```

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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