

Converting Colors

Hex(205C99)

Have a look what the booklet for
Hex(205C99) contains.

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Color

Hex(205C99)

Conversions

Conversions Part 1

Format	Color
Hex	205C99
RGB	32, 92, 153
RGB Percent	13%, 36%, 60%
CMY	0.8745, 0.6392, 0.4000
CMYK	0.79, 0.40, 0.00, 0.40
HSL	210°, 65%, 36%
HSV	210°, 79%, 60%
XYZ	10.1726, 10.2613, 31.5815
YIQ	81.0140, -55.3410, 6.2510

Conversions

Conversions Part 2

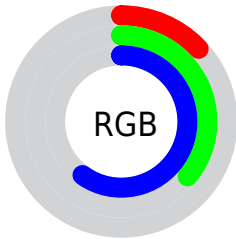
Format	Color
R_{YB}	32, 72, 153
Decimal	2120857
CIE Lab	38.31, 3.31, -38.76
CIE LCh	38, 38.897, 274.881
Yxy	10.2613, 0.1956, 0.1973
Android (android.graphics.Color)	4280310937 (0xFF205C99)
YUV	81.0140, 35.4891, -42.9853
Hunter-Lab	32.0332, 0.6269, -36.0306




Details

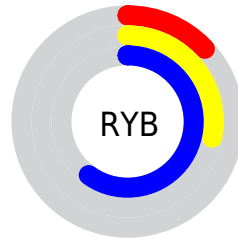
The Hex color **205C99** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **995D20**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **5F8ED0**, and **002F65** is the 20% darker color. If you saturate the color by 10%, you get **115499**, and if you desaturate by 10%, it is **2F6499**.

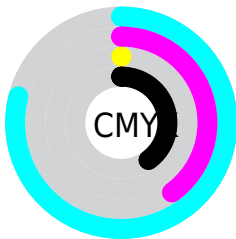
Distribution







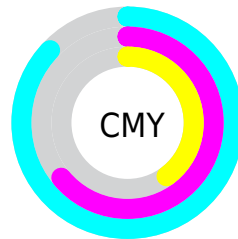
-  Red (13%)
-  Green (36%)
-  Blue (60%)






-  Red (13%)
-  Yellow (28%)
-  Blue (60%)



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



-  Cyan (87%)
-  Magenta (64%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205C99 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 205C99 by changing the saturation by 10% instead.

■ 205C99

■ 205C99

FFFFFF

■ 00457F

■ 5F8ED0

■ 002F65

■ 7CA8EC

■ 001B4D

■ 98C3FF

■ 000536

■ B5DFFF

■ 000220

■ D2FCFF

■ 000003

■ F0FFFF

■ 000000

■ 205C99

■ 205C99

■ 115499

■ 2F6499

■ 014D99

■ 3F6B99

■ 004C99

■ 4E7399

■ 5D7B99

■ 6C8399

■ 7C8A99

■ 8B9299

■ 9A9A99

■ AAA199

Harmonies

Analogous

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



006493



205C99



62508E

Triad

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



205C99



914338



0F683E

Complementary

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



205C99



995D20

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.



466323



205C99



804F20

Square

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



205C99



933D56



665A16



006A5F

Rectangle

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



205C99



7B477F



665A16



286634

Sweetspot

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



205C99



97AFC7



20995D



475563



E3E3E3



636363

Same Dimension

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



205C99



0A68C7



202099



45494D



00468C



00060D

Inverse Universe

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



99205C



C70A68



999920



4D4549



8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 205C99 looks on a white background.

Color Contrast Check

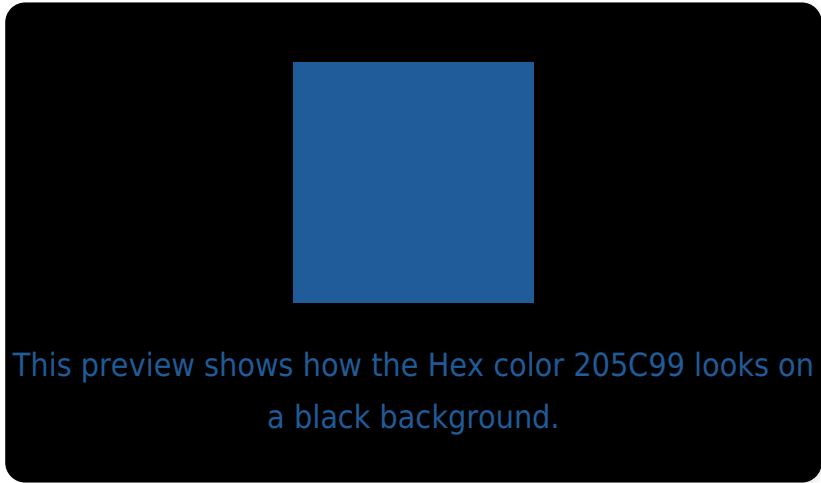
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

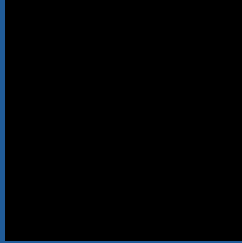
Any Text WCAG AA × Fail

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 205C99 Background



This preview shows how black text looks on a background with the Hex color 205C99.



This preview shows how white text looks on a background with the Hex color 205C99.

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](#).

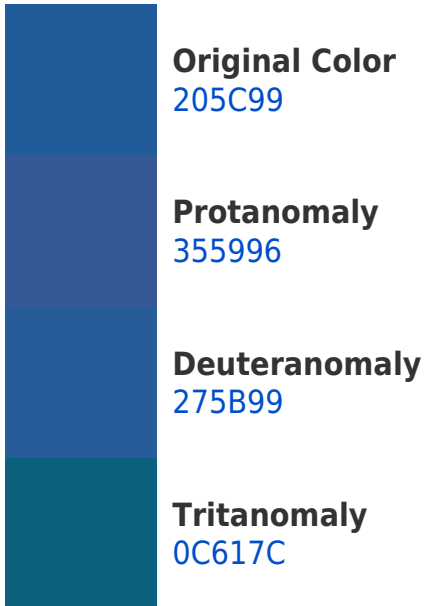
Dichromacy



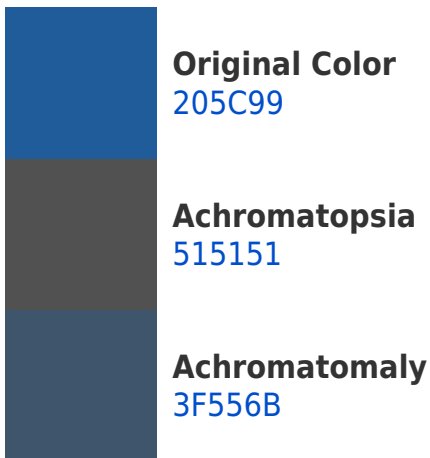


Tritanopia
00646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 205C99 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 #205C99 looks like.

```
.text, #text, p{  
    color:#205C99  
}
```

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 #205C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205C99
}
```

Border

The CSS property to change the border of an element to Hex 205C99 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
#205C99 }
```

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

```
.border{ border-color:#205C99 }
```

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

Here you see how a box with a 4 pixel #205C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205C99; -webkit-box-shadow:4px 4px  
4px 4px #205C99; box-shadow:4px 4px 4px  
4px #205C99 }
```

Background

The CSS property to change the background color of an element to Hex 205C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205C99 }
```

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

```
.background{ background-color:#205C99 }
```

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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