

Converting Colors

Hex(205B93)

Have a look what the booklet for
Hex(205B93) contains.

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Color

Hex(205B93)

Conversions

Conversions Part 1

Format	Color
Hex	205B93
RGB	32, 91, 147
RGB Percent	13%, 36%, 58%
CMY	0.8745, 0.6431, 0.4235
CMYK	0.78, 0.38, 0.00, 0.42
HSL	209°, 64%, 35%
HSV	209°, 78%, 58%
XYZ	9.6032, 9.8958, 29.0077
YIQ	79.7430, -53.1400, 4.9080

Conversions

Conversions Part 2

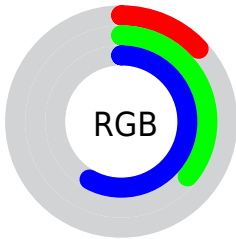
Format	Color
R _Y B	32, 71, 147
Decimal	2120595
CIE Lab	37.65, 1.61, -36.18
CIE LCh	38, 36.218, 272.544
Yxy	9.8958, 0.1980, 0.2040
Android (android.graphics.Color)	4280310675 (0xFF205B93)
YUV	79.7430, 33.1577, -41.8706
Hunter-Lab	31.4576, -0.5594, -32.6521

Details

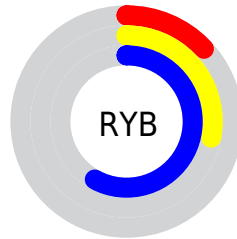
The Hex color **205B93** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **935820**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5E8DC9**, and **002E60** is the 20% darker color. If you saturate the color by 10%, you get **115493**, and if you desaturate by 10%, it is **2F6293**.

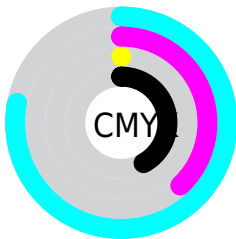
Distribution



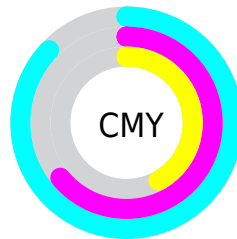
- Red (13%)
- Green (36%)
- Blue (58%)



- Red (13%)
- Yellow (28%)
- Blue (58%)



- Cyan (78%)
- Magenta (38%)
- Yellow (0%)
- Black (42%)



- Cyan (87%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205B93 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 205B93 by changing the saturation by 10% instead.

■ 205B93

■ 205B93

FFFFFF

■ 004479

■ 5E8DC9

■ 002E60

■ 7AA7E6

■ 001A48

■ 97C2FF

■ 000431

■ B3DEFF

■ 00011B

■ D0FAFF

■ 000000

■ EDFFFF

■ 205B93

■ 205B93

■ 115493

■ 2F6293

■ 034D93

■ 3D6993

■ 004B93

■ 4C7093

■ 5B7893

■ 6A7F93

■ 788693

■ 878D93

■ 969493

■ A49B93

Harmonies

Analogous

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



00638C



205B93



5D508A

Triad

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



205B93



8C433B



1E653C

Complementary

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



205B93



935820

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.



496025



205B93



7E4D24

Square

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



205B93



8D3E57



66581B



00675A

Rectangle

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



205B93



75487D



66581B



2F6433

Sweetspot

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



205B93



93AABF



209358



465461



E0E0E0



616161

Same Dimension

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



205B93



0B68BF



202293



43464A



00478A



00050A

Inverse Universe

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



93205B



BF0B68



939120



4A4346



8A0047



0A0005

Previews

White Background



This preview shows how the Hex color 205B93 looks on a white background.

Color Contrast Check

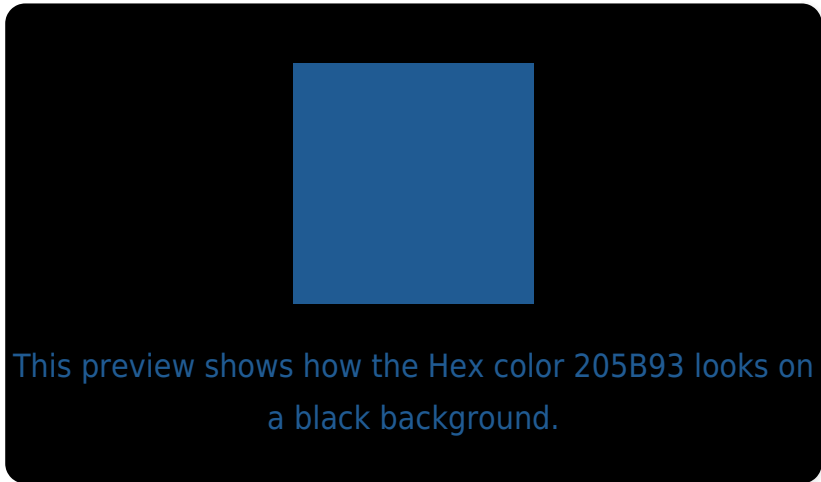
Large Text (above 18pt) WCAG AA ✓ Pass

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

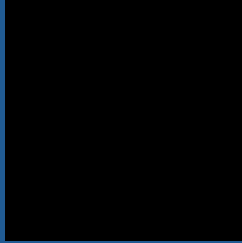
Any Text WCAG AA × Fail

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 205B93 Background



This preview shows how black text looks on a background with the Hex color 205B93.



This preview shows how white text looks on a background with the Hex color 205B93.

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
205B93

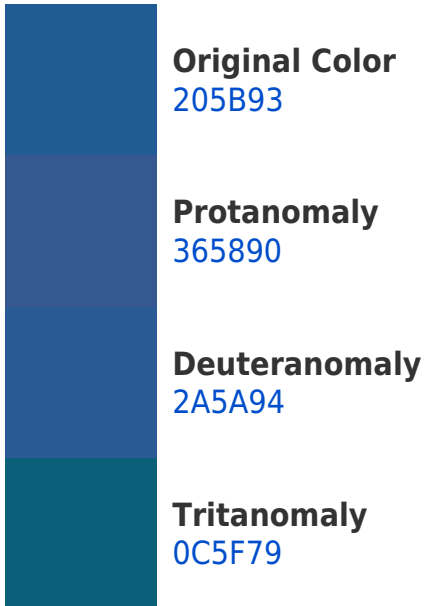
Protanopia
42568F

Deuteranopia
305994



Tritanopia
00626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 205B93 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 #205B93 looks like.

```
.text, #text, p{  
    color:#205B93  
}
```

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 #205B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205B93
}
```

Border

The CSS property to change the border of an element to Hex 205B93 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
#205B93 }
```

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

```
.border{ border-color:#205B93 }
```

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

Here you see how a box with a 4 pixel #205B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205B93; -webkit-box-shadow:4px 4px  
4px 4px #205B93; box-shadow:4px 4px 4px  
4px #205B93 }
```

Background

The CSS property to change the background color of an element to Hex 205B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205B93 }
```

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

```
.background{ background-color:#205B93 }
```

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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