

Converting Colors

Hex(205E9F)

Have a look what the booklet for
Hex(205E9F) contains.

Hex(205E9F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(205E9F)

Conversions

Conversions Part 1

Format	Color
Hex	205E9F
RGB	32, 94, 159
RGB Percent	13%, 37%, 62%
CMY	0.8745, 0.6314, 0.3765
CMYK	0.80, 0.41, 0.00, 0.38
HSL	211°, 66%, 37%
HSV	211°, 80%, 62%
XYZ	10.8564, 10.8157, 34.3163
YIQ	82.8720, -57.8170, 7.0710

Conversions

Conversions Part 2

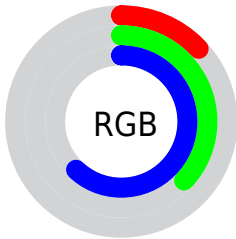
Format	Color
RYB	32, 74, 159
Decimal	2121375
CIELab	39.27, 4.37, -40.82
CIELCh	39, 41.049, 276.113
Yxy	10.8157, 0.1939, 0.1932
Android (android.graphics.Color)	4280311455 (0xFF205E9F)
YUV	82.8720, 37.5311, -44.6147
Hunter-Lab	32.8872, 1.3719, -38.8454

Details

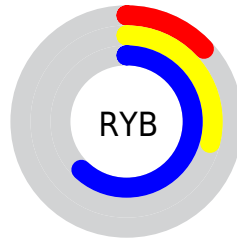
The Hex color **205E9F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F6120**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6190D6**, and **00316B** is the 20% darker color. If you saturate the color by 10%, you get **10569F**, and if you desaturate by 10%, it is **30669F**.

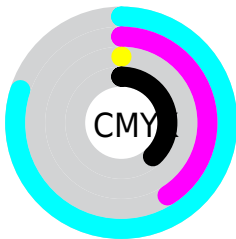
Distribution



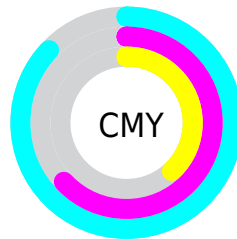
- Red (13%)
- Green (37%)
- Blue (62%)



- Red (13%)
- Yellow (29%)
- Blue (62%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (38%)



- Cyan (87%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205E9F 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 205E9F by changing the saturation by 10% instead.

■ 205E9F

■ 205E9F

FFFFFF

■ 004785

■ 6190D6

■ 00316B

■ 7EAAF3

■ 001D52

■ 9AC5FF

■ 00053B

■ B7E1FF

■ 000224

■ D4FEFF

■ 00000C

■ F2FFFF

■ 000000

■ 205E9F

■ 205E9F

■ 10569F

■ 30669F

■ 004E9F

■ 406E9F

■ 50769F

■ 607F9F

■ 70879F

■ 7F8F9F

■ 8F979F

■ 9F9F9F

■ AFA79F

Harmonies

Analogous

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



006799



205E9F



675193

Triad

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



205E9F



954437



006B40

Complementary

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



205E9F



9F6120

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.



456623



205E9F



83511E

Square

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



205E9F



993D57



685D13



006D63

Rectangle

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



205E9F



814782



685D13



246935

Sweetspot

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



205E9F



9DB5CF



209F60



4A5969



E8E8E8



696969

Same Dimension

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



205E9F



0869CF



20209F



474B4F



00468F



00070F

Inverse Universe

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



9F205E



CF0869



9F9F20



4F474B



8F0046



0F0007

Previews

White Background



This preview shows how the Hex color 205E9F looks on a white background.

Color Contrast Check

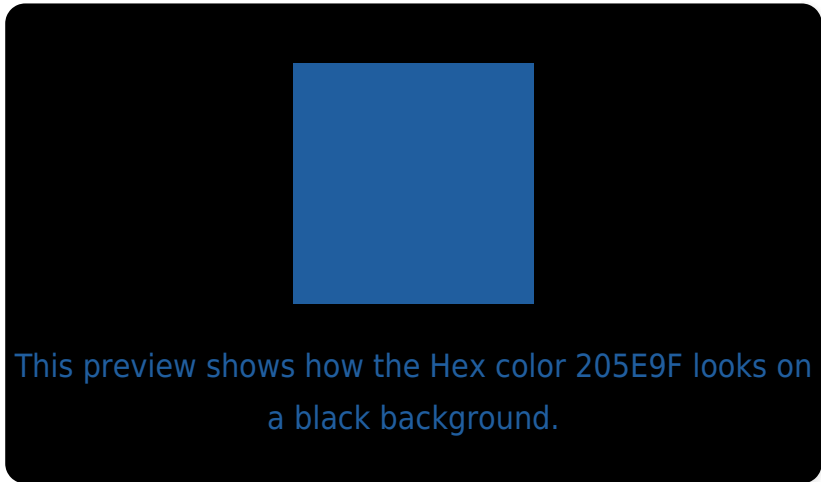
Large Text (above 18pt) WCAG AA ✓ Pass

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 205E9F Background



This preview shows how black text looks on a background with the Hex color 205E9F.

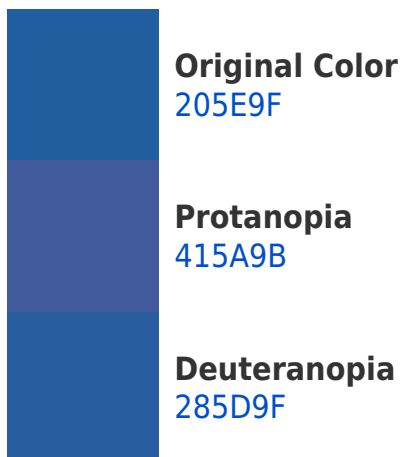


This preview shows how white text looks on a background with the Hex color 205E9F.

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](#).

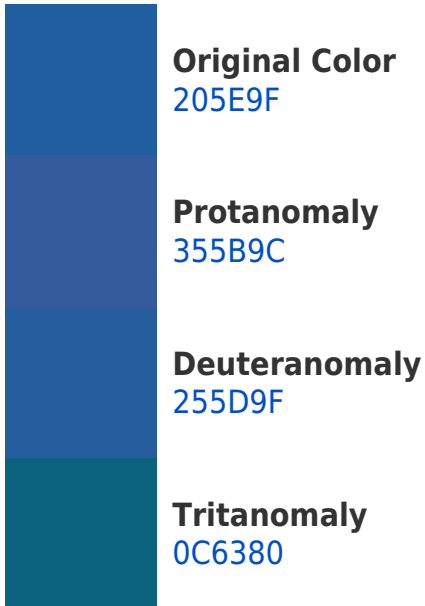
Dichromacy



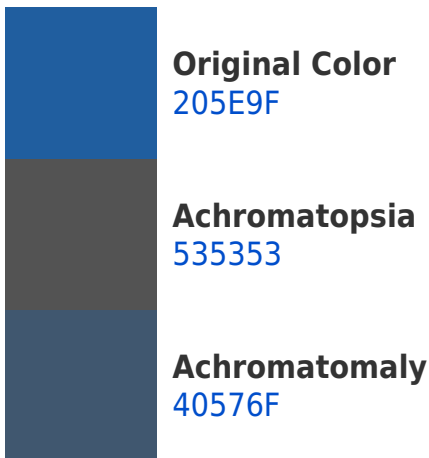


Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 205E9F 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 #205E9F looks like.

```
.text, #text, p{  
    color:#205E9F  
}
```

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 #205E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205E9F
}
```

Border

The CSS property to change the border of an element to Hex 205E9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

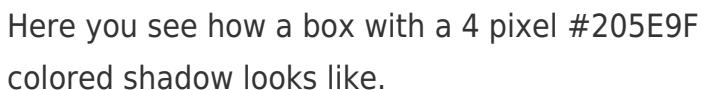
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#205E9F }
```

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

```
.border{ border-color:#205E9F }
```

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



Here you see how a box with a 4 pixel #205E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205E9F; -webkit-box-shadow:4px 4px  
4px 4px #205E9F; box-shadow:4px 4px 4px  
4px #205E9F }
```

Background

The CSS property to change the background color of an element to Hex 205E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205E9F }
```

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

```
.background{ background-color:#205E9F }
```

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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