

Converting Colors

Hex(253E9F)

Have a look what the booklet for
Hex(253E9F) contains.

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Color

Hex(253E9F)

Conversions

Conversions Part 1

Format	Color
Hex	253E9F
RGB	37, 62, 159
RGB Percent	15%, 24%, 62%
CMY	0.8549, 0.7569, 0.3765
CMYK	0.77, 0.61, 0.00, 0.38
HSL	228°, 62%, 38%
HSV	228°, 77%, 62%
XYZ	8.7436, 6.3418, 33.5641
YIQ	65.5830, -46.0370, 24.8670

Conversions

Conversions Part 2

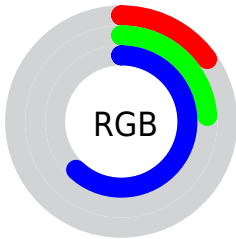
Format	Color
R_{YB}	37, 58, 159
Decimal	2440863
CIE _{Lab}	30.26, 26.32, -55.35
CIE _{LCh}	30, 61.287, 295.433
Yxy	6.3418, 0.1797, 0.1304
Android (android.graphics.Color)	4280630943 (0xFF253E9F)
YUV	65.5830, 46.0546, -25.0673
Hunter-Lab	25.1829, 17.9058, -61.3947

Details

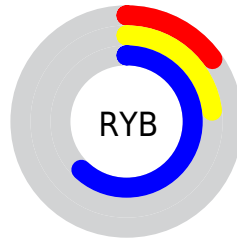
The Hex color **253E9F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9F8625**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **656DD7**, and **00156A** is the 20% darker color. If you saturate the color by 10%, you get **15319F**, and if you desaturate by 10%, it is **354B9F**.

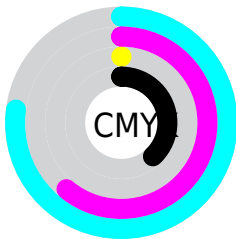
Distribution



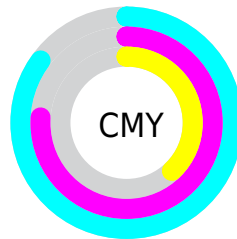
- Red (15%)
- Green (24%)
- Blue (62%)



- Red (15%)
- Yellow (23%)
- Blue (62%)



- Cyan (77%)
- Magenta (61%)
- Yellow (0%)
- Black (38%)



- Cyan (85%)
- Magenta (76%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253E9F 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 253E9F by changing the saturation by 10% instead.

■ 253E9F

■ 253E9F

FFFFFF

■ 002884

■ 656DD7

■ 00156A

■ 8286F3

■ 000052

■ 9FA1FF

■ 00053A

■ BCBCFF

■ 000223

■ D9D7FF

■ 00000A

■ F7F4FF

■ 000000

■ 253E9F

■ 253E9F

■ 15319F

■ 354B9F

■ 05259F

■ 45579F

■ 00219F

■ 55649F

■ 65719F

■ 757D9F

■ 848A9F

■ 94969F

■ A4A39F

■ B4B09F

Harmonies

Analogous

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



0050A8



253E9F



771D7E

Triad

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



253E9F



812B00



005A3E

Complementary

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



253E9F



9F8625

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.



005705



253E9F



5E4300

Square

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



253E9F



950022



315000



005B6F

Rectangle

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



253E9F



8E0061



315000



00592D

Sweetspot

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



253E9F



9FA9CF



259F85



4B5169



E8E8E8



696969

Same Dimension

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



253E9F



1137CF



48259F



47494F



001D8F



00030F

Inverse Universe

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



9F253E



CF1137



7C9F25



4F4749



8F001D



0F0003

Previews

White Background



This preview shows how the Hex color 253E9F looks on a white background.

Color Contrast Check

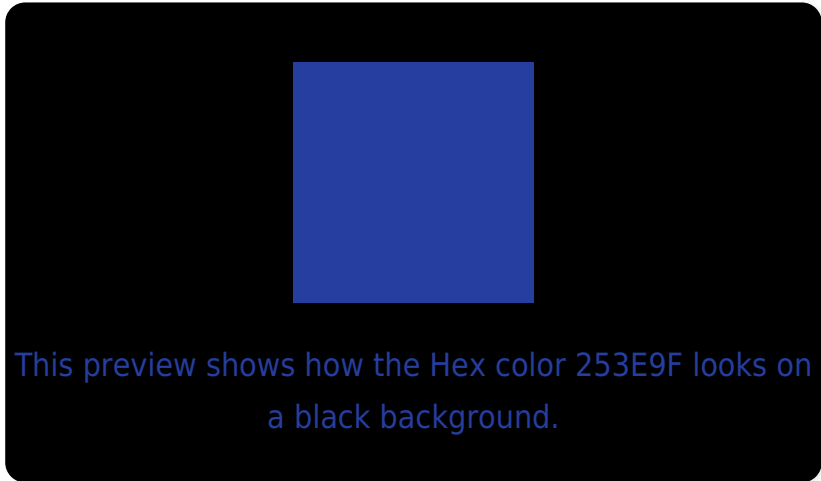
Large Text (above 18pt) WCAG AA ✓ Pass

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

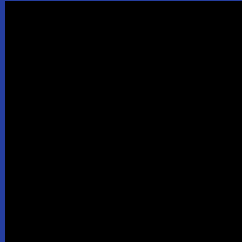
Any Text WCAG AA × Fail

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 253E9F Background



This preview shows how black text looks on a background with the Hex color 253E9F.

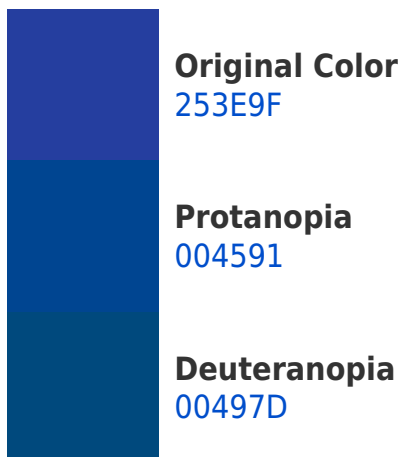



This preview shows how white text looks on a background with the Hex color 253E9F.

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
004F54

Trichromacy



Original Color
253E9F

Protanomaly
0D4296

Deuteranomaly
0D4589

Tritanomaly
0D496F

Monochromacy



Original Color
253E9F

Achromatopsia
424242

Achromatomaly
374164

CSS Examples

Text

The CSS property to change the color of the text to Hex 253E9F 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 #253E9F looks like.

```
.text, #text, p{  
    color:#253E9F  
}
```

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 #253E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253E9F
}
```

Border

The CSS property to change the border of an element to Hex 253E9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

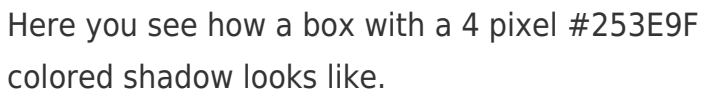
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#253E9F }
```

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

```
.border{ border-color:#253E9F }
```

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



Here you see how a box with a 4 pixel #253E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253E9F; -webkit-box-shadow:4px 4px  
4px 4px #253E9F; box-shadow:4px 4px 4px  
4px #253E9F }
```

Background

The CSS property to change the background color of an element to Hex 253E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253E9F }
```

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

```
.background{ background-color:#253E9F }
```

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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