

Converting Colors

Hex(255EC3)

Have a look what the booklet for
Hex(255EC3) contains.

Hex(255EC3)	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(255EC3)

Conversions

Conversions Part 1

Format	Color
Hex	255EC3
RGB	37, 94, 195
RGB Percent	15%, 37%, 76%
CMY	0.8549, 0.6314, 0.2353
CMYK	0.81, 0.52, 0.00, 0.24
HSL	218°, 68%, 45%
HSV	218°, 81%, 76%
XYZ	14.6160, 12.3389, 53.2411
YIQ	88.4710, -66.3930, 19.3270

Conversions

Conversions Part 2

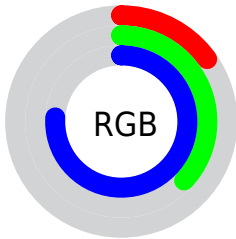
Format	Color
R_{YB}	37, 79, 195
Decimal	2449091
CIE _{Lab}	41.75, 18.95, -58.00
CIE _{LCh}	42, 61.015, 288.099
Yxy	12.3389, 0.1823, 0.1539
Android (android.graphics.Color)	4280639171 (0xFF255EC3)
YUV	88.4710, 52.5188, -45.1401
Hunter-Lab	35.1267, 12.8009, -65.2763

Details

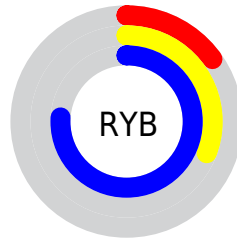
The Hex color **255EC3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C38A25**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6C90FC**, and **00318C** is the 20% darker color. If you saturate the color by 10%, you get **1252C3**, and if you desaturate by 10%, it is **396AC3**.

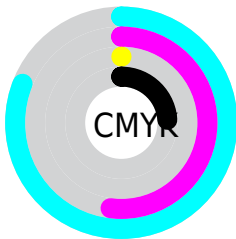
Distribution



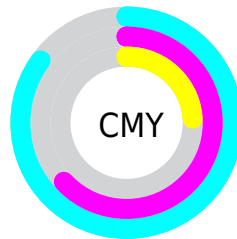
- Red (15%)
- Green (37%)
- Blue (76%)



- Red (15%)
- Yellow (31%)
- Blue (76%)



- Cyan (81%)
- Magenta (52%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (63%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255EC3 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 255EC3 by changing the saturation by 10% instead.

■ 255EC3

■ 255EC3

FFFFFF

■ 0047A7

■ 6C90FC

■ 00318C

■ 8BAAFF

■ 001E72

■ A9C5FF

■ 000459

■ C7E1FF

■ 000741

■ E5FEFF

■ 00032A

■ 000114

■ 000000

■ 255EC3

■ 255EC3

■ 1252C3

■ 396AC3

■ 0046C3

■ 4C77C3

■ 6083C3

■ 7390C3

■ 869CC3

■ 9AA9C3

■ AEB5C3

■ C1C2C3

■ D5CEC3

Harmonies

Analogous

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



006EC6



255EC3



8945A6

Triad

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



255EC3



A94116



00774C

Complementary

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



255EC3



C38A25

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.



0D7315



255EC3



885900

Square

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



255EC3



B92847



5B6900



007980

Rectangle

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



255EC3



A73289



5B6900



00763B

Sweetspot

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



255EC3



C0D6FC



25C389



5B6880



000000



808080

Same Dimension

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



255EC3



0860FC



3A25C3



575B61



003AA1



000C21

Inverse Universe

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



C3255E



FC0860



AEC325



61575B



A1003A



21000C

Previews

White Background



This preview shows how the Hex color 255EC3 looks on a white background.

Color Contrast Check

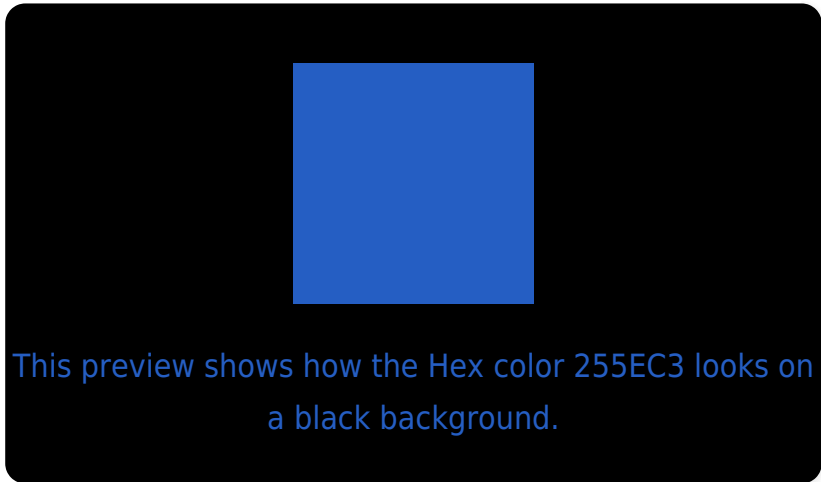
Large Text (above 18pt) WCAG AA ✓ Pass

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

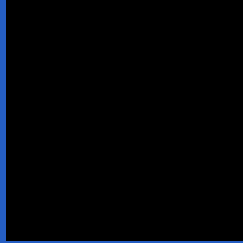
Any Text WCAG AA × Fail

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 255EC3 Background



This preview shows how black text looks on a background with the Hex color 255EC3.



This preview shows how white text looks on a background with the Hex color 255EC3.

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
255EC3

Protanopia
1E5EC4

Deuteranopia
0064AE

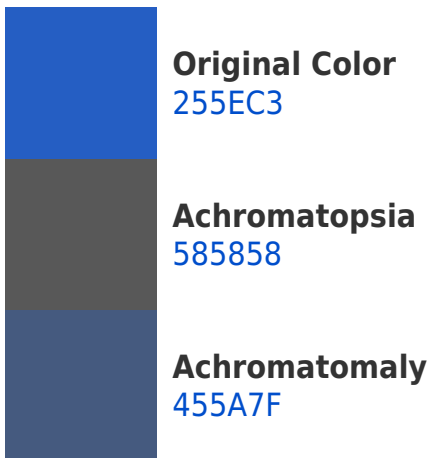


Tritanopia
006D74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 255EC3 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 #255EC3 looks like.

```
.text, #text, p{  
    color:#255EC3  
}
```

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 #255EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255EC3
}
```

Border

The CSS property to change the border of an element to Hex 255EC3 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
#255EC3 }
```

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

```
.border{ border-color:#255EC3 }
```

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

Here you see how a box with a 4 pixel #255EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255EC3; -webkit-box-shadow:4px 4px  
4px 4px #255EC3; box-shadow:4px 4px 4px  
4px #255EC3 }
```

Background

The CSS property to change the background color of an element to Hex 255EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255EC3 }
```

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

```
.background{ background-color:#255EC3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor