

# Converting Colors

Hex(5918ED)

Have a look what the booklet for  
Hex(5918ED) contains.

<b>Hex(5918ED)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5918ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5918ED
RGB	89, 24, 237
RGB Percent	35%, 9%, 93%
CMY	0.6510, 0.9059, 0.0706
CMYK	0.62, 0.90, 0.00, 0.07
HSL	258°, 86%, 51%
HSV	258°, 90%, 93%
XYZ	19.7325, 8.8915, 80.7970
YIQ	67.7170, -29.6330, 80.0230

# Conversions

## Conversions Part 2

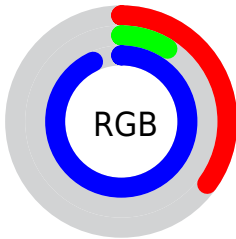
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 24, 237
Decimal	5839085
CIE <sub>Lab</sub>	35.77, 72.90, -91.80
CIE <sub>LCh</sub>	36, 117.224, 308.452
Yxy	8.8915, 0.1803, 0.0813
Android (android.graphics.Color)	4284029165 (0xFF5918ED)
YUV	67.7170, 83.4565, 18.6652
Hunter-Lab	29.8187, 65.9397, -139.7797

# Details

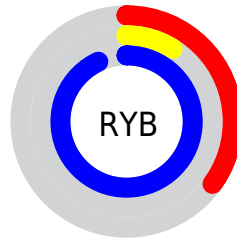
The Hex color **5918ED** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **ACED18**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9C54FF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **4900ED**, and if you desaturate by 10%, it is **6930ED**.

# Distribution



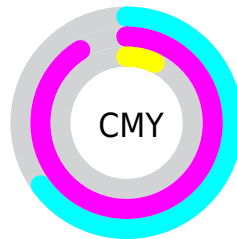
- Red (35%)
- Green (9%)
- Blue (93%)



- Red (35%)
- Yellow (9%)
- Blue (93%)



- Cyan (62%)
- Magenta (90%)
- Yellow (0%)
- Black (7%)



- Cyan (65%)
- Magenta (91%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5918ED 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 5918ED by changing the saturation by 10% instead.



■ 5918ED

■ 5918ED

FFFFFF

■ 2F00D0

■ 9C54FF

■ 0000B3

■ BC70FF

■ 000098

■ DB8BFF

■ 00007D

■ FBA7FF

■ 000762

■ FFC4FF

■ 000949

■ FFE1FF

■ 000432

FFFEFF

■ 00011C

■ 000000

■ 5918ED

■ 5918ED

■ 4900ED

■ 6930ED

■ 4800ED

■ 7A47ED

■ 8A5FED

■ 9B77ED

■ AB8EED

■ BCA6ED

■ CCBEED

■ DDD6ED

■ EDEDED

# Harmonies

## Analogous

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



005FFF



5918ED



CD009C

# Triad

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



5918ED



9B2E00



00716E

# Complementary

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



5918ED



ACED18

# 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.



006E00



5918ED



4F5A00

# Square

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



5918ED



D00000



006900



0074CB

# Rectangle

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



5918ED



E5005E



006900



00704D



# Sweetspot

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



5918ED



CFBAFF



18ADED



635780



000000



808080



# Same Dimension

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



5918ED



4E00FF



C218ED



6D6A75



3700B5



100036



# Inverse Universe

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



ED18AC



FF00B1



43ED18



756A72



B5007E

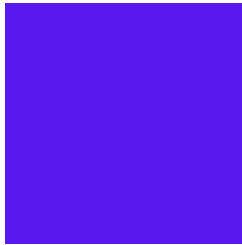


360025



# Previews

## White Background



This preview shows how the Hex color 5918ED looks on a white background.

## Color Contrast Check

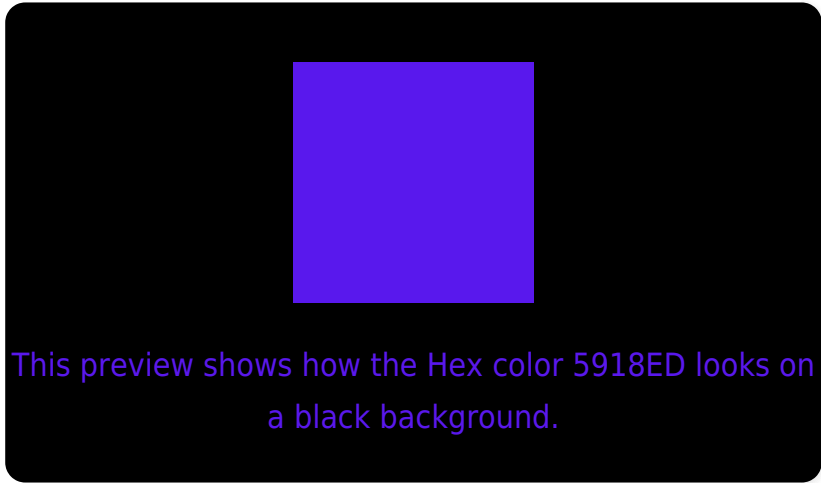
Large Text (above 18pt) WCAG AA ✓ Pass

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

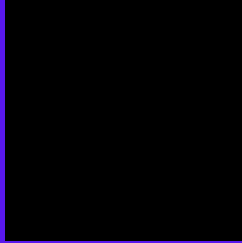
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5918ED Background



This preview shows how black text looks on a background with the Hex color 5918ED.



This preview shows how white text looks on a background with the Hex color 5918ED.

# 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**  
5918ED

**Protanopia**  
0051AB

**Deuteranopia**  
005791



**Tritanopia**  
005D65

# Trichromacy



**Original Color**  
5918ED



**Protanomaly**  
203CC3



**Deuteranomaly**  
2040B2



**Tritanomaly**  
204496

# Monochromacy



**Original Color**  
5918ED



**Achromatopsia**  
444444



**Achromatomaly**  
4C3481

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5918ED 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 #5918ED looks like.

```
.text, #text, p{  
    color:#5918ED  
}
```

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 #5918ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5918ED
}
```

## Border

The CSS property to change the border of an element to Hex 5918ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

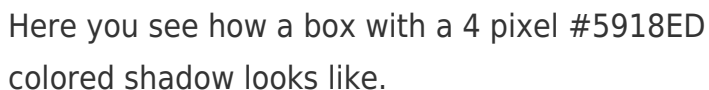
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5918ED }
```

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

```
.border{ border-color:#5918ED }
```

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



Here you see how a box with a 4 pixel #5918ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5918ED; -webkit-box-shadow:4px 4px  
4px 4px #5918ED; box-shadow:4px 4px 4px  
4px #5918ED }
```

# Background

The CSS property to change the background color of an element to Hex 5918ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5918ED }
```

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

```
.background{ background-color:#5918ED }
```

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**