Converting Colors

Hex(9591E0)

Have a look what the booklet for Hex(9591E0) contains.

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Color

Hex(9591E0)

Conversions

Conversions Part 1

Format	Color
Hex	9591E0
RGB	149, 145, 224
RGB Percent	58%, 57%, 88%
CMY	0.4157, 0.4314, 0.1216
CMYK	0.33, 0.35, 0.00, 0.12
HSL	243°, 56%, 72%
HSV	243°, 35%, 88%
XYZ	35.9744, 32.0222, 74.8059
YIQ	155.2020, -22.9750, 25.4170

Conversions

Conversions Part 2

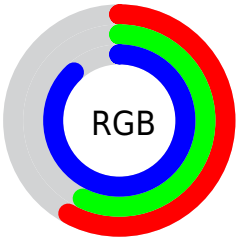
Format	Color
RYB	149, 145, 224
Decimal	9802208
CIELab	63.36, 19.60, -39.65
CIELCh	63, 44.229, 296.310
Yxy	32.0222, 0.2519, 0.2242
Android (android.graphics.Color)	4287992288 (0xFF9591E0)
YUV	155.2020, 33.9174, -5.4392
Hunter-Lab	56.5881, 14.4473, -38.7658

Details

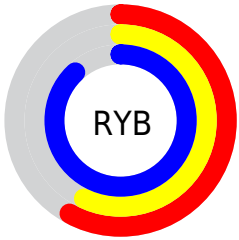
The Hex color 9591E0 is a light color, and the websafe version is hex 9999FF. A complement of this color would be DCE091, and the grayscale version is 9B9B9B.

A 20% lighter version of the original color is CDC7FF, and 5F5FA8 is the 20% darker color. If you saturate the color by 10%, you get 807BE0, and if you desaturate by 10%, it is AAA7E0.

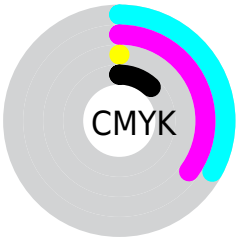
Distribution



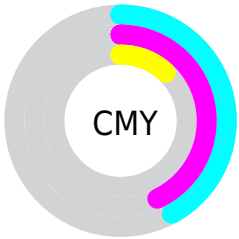
- Red (58%)
- Green (57%)
- Blue (88%)



- Red (58%)
- Yellow (57%)
- Blue (88%)



- Cyan (33%)
- Magenta (35%)
- Yellow (0%)
- Black (12%)



- Cyan (42%)
- Magenta (43%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9591E0 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 9591E0 by changing the saturation by 10% instead.

9591E0	9591E0
FFFFFF	7A77C4
CDC7FF	5F5FA8
EAE3FF	45478E
	2A3174
	071C5B
	000443
	00032C
	000116
	000000

9591E0	9591E0
807BE0	AAA7E0
6A64E0	C0BEE0
554EE0	D5D4E0
4037E0	EAEBE0
2B21E0	FFFFE0
150BE0	
0B00E0	

Harmonies

Analogous

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

499FE8

9591E0

C682C6

Triad

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

9591E0

D38759

00AD93

Complementary

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

9591E0

DCE091

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.

5EA96C

9591E0

B59649

Square

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

9591E0

E37C79

8EA150

00ADBB

Rectangle

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

9591E0

DA7BAD

8EA150

31AC85

Sweetspot

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

9591E0

E4E3FF

91DCE0

706F80

000000

808080

Same Dimension

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

9591E0

9994FF

BC91E0

666570

0900B0

020030

Inverse Universe

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

E091DC

FF94FA

B5E091

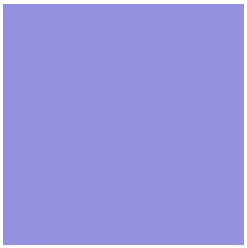
706570

B000A7

30002E

Previews

White Background

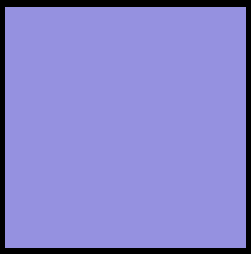


This preview shows how the Hex color 9591E0 looks on a white background.

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

Black Background



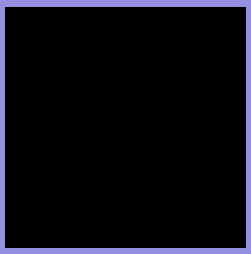
This preview shows how the Hex color 9591E0 looks on a black background.

Color Contrast Check

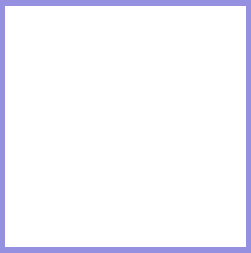
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 9591E0 Background



This preview shows how black text looks on a background with the Hex color 9591E0.

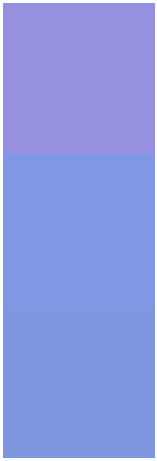


This preview shows how white text looks on a background with the Hex color 9591E0.

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



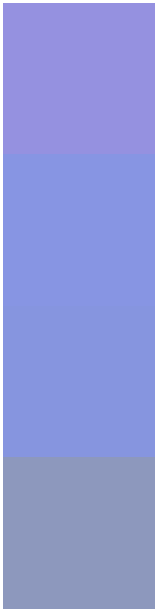
Original Color
9591E0

Protanopia
7F97E5

Deuteranopia
7D98DE

Tritanopia
899CA9

Trichromacy



Original Color
9591E0

Protanomaly
8795E3

Deuteranomaly
8695DF

Tritanomaly
8D98BD

Monochromacy

Original Color
9591E0

Achromatopsia
9B9B9B

Achromatomaly
9997B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9591E0 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 #9591E0 looks like.

```
.text, #text, p{
    color:#9591E0
}
```

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 #9591E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9591E0
}
```

Border

The CSS property to change the border of an element to Hex 9591E0 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
#9591E0 }
```

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

```
.border{ border-color:#9591E0 }
```

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

Here you see how a box with a 4 pixel #9591E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #9591E0; -webkit-box-shadow:4px 4px 4px 4px #9591E0; box-shadow:4px 4px 4px 4px #9591E0 }
```

Background

The CSS property to change the background color of an element to Hex 9591E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#9591E0 }
```

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

```
.background{ background-color:#9591E0 }
```

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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