

Converting Colors

Hex(9090E4)

Have a look what the booklet for
Hex(9090E4) contains.

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Color

Hex(9090E4)

Conversions

Conversions Part 1

Format	Color
Hex	9090E4
RGB	144, 144, 228
RGB Percent	56%, 56%, 89%
CMY	0.4353, 0.4353, 0.1059
CMYK	0.37, 0.37, 0.00, 0.11
HSL	240°, 61%, 73%
HSV	240°, 37%, 89%
XYZ	35.4784, 31.4772, 77.6046
YIQ	153.5760, -26.9640, 26.1240

Conversions

Conversions Part 2

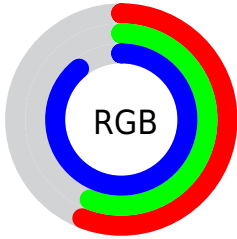
Format	Color
RYB	144, 144, 228
Decimal	9474276
CIELab	62.91, 19.89, -42.60
CIElCh	63, 47.014, 295.022
Yxy	31.4772, 0.2454, 0.2177
Android (android.graphics.Color)	4287664356 (0xFF9090E4)
YUV	153.5760, 36.6910, -8.3982
Hunter-Lab	56.1046, 14.6937, -42.7375

Details

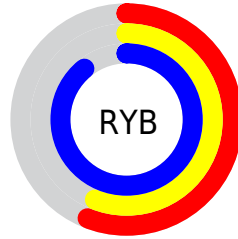
The Hex color **9090E4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E4E490**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C8C6FF**, and **5A5EAC** is the 20% darker color. If you saturate the color by 10%, you get **7979E4**, and if you desaturate by 10%, it is **A7A7E4**.

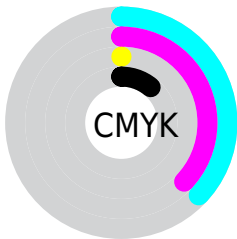
Distribution



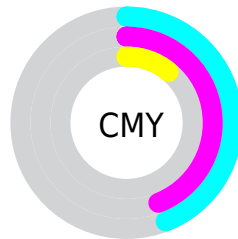
- Red (56%)
- Green (56%)
- Blue (89%)



- Red (56%)
- Yellow (56%)
- Blue (89%)



- Cyan (37%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9090E4 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 9090E4 by changing the saturation by 10% instead.

■ 9090E4

■ 9090E4

FFFFFF

■ 7576C8

■ C8C6FF

■ 5A5EAC

■ E5E2FF

■ 3E4691

FFFEFF

■ 213077

■ 001B5E

■ 000346

■ 00042F

■ 000119

■ 000000

9090E4

9090E4

7979E4

A7A7E4

6262E4

BEBEE4

4C4CE4

D4D4E4

3535E4

EBEBE4

1E1EE4

FFFFE4

0707E4

0000E4

Harmonies

Analogous

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



359FEB



9090E4



C580C9

Triad

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



9090E4



D68455



00AD90

Complementary

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



9090E4



E4E490

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.



5BA966



9090E4



B79442

Square

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



9090E4



E67877



8EA049



00ADBA

Rectangle

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



9090E4



DB78AF



8EA049



24AC81

Sweetspot

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



9090E4



E3E3FF



90E4E4



6F6F80



000000



808080

Same Dimension

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



9090E4



8F8FFF



BA90E4



676773



0000B3



000033

Inverse Universe

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



E490E4



FF8FFF



BAE490



736773



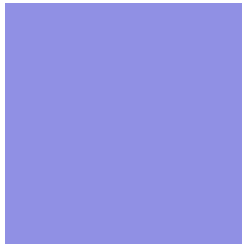
B300B3



330033

Previews

White Background



This preview shows how the Hex color 9090E4 looks on a white background.

Color Contrast Check

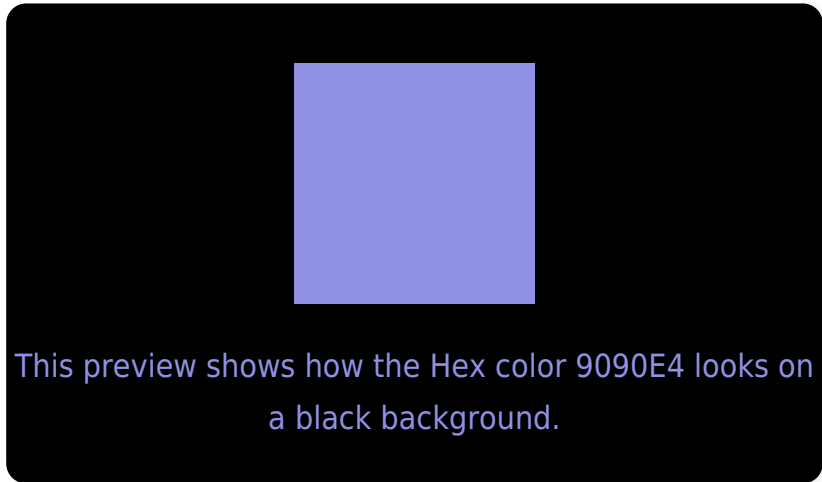
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 9090E4 Background



This preview shows how black text looks on a background with the Hex color 9090E4.

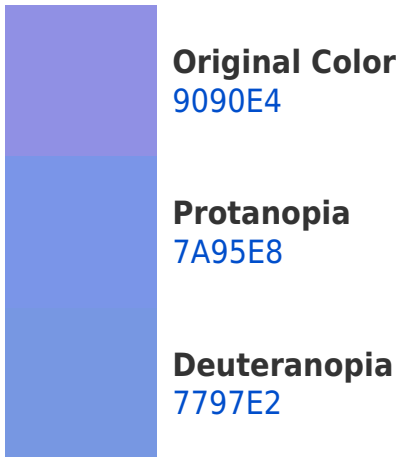


This preview shows how white text looks on a background with the Hex color 9090E4.

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](#).

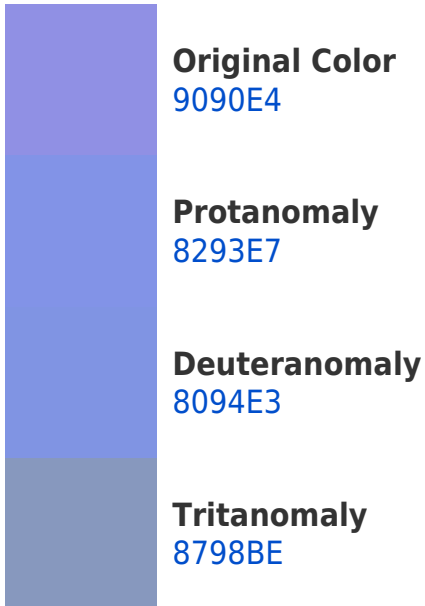
Dichromacy



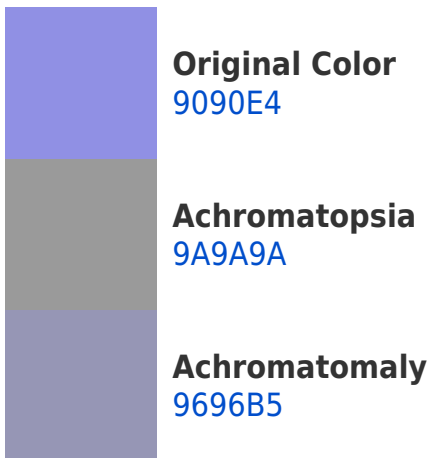


Tritanopia
829CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9090E4 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 #9090E4 looks like.

```
.text, #text, p{  
    color:#9090E4  
}
```

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 #9090E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9090E4
}
```

Border

The CSS property to change the border of an element to Hex 9090E4 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
#9090E4 }
```

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

```
.border{ border-color:#9090E4 }
```

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

Here you see how a box with a 4 pixel #9090E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9090E4; -webkit-box-shadow:4px 4px  
4px 4px #9090E4; box-shadow:4px 4px 4px  
4px #9090E4 }
```

Background

The CSS property to change the background color of an element to Hex 9090E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9090E4 }
```

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

```
.background{ background-color:#9090E4 }
```

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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