

Converting Colors

Hex(9975E4)

Have a look what the booklet for
Hex(9975E4) contains.

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Color

Hex(9975E4)

Conversions

Conversions Part 1

Format	Color
Hex	9975E4
RGB	153, 117, 228
RGB Percent	60%, 46%, 89%
CMY	0.4000, 0.5412, 0.1059
CMYK	0.33, 0.49, 0.00, 0.11
HSL	259°, 67%, 68%
HSV	259°, 49%, 89%
XYZ	33.5017, 25.0963, 76.4771
YIQ	140.4180, -14.1750, 42.1530

Conversions

Conversions Part 2

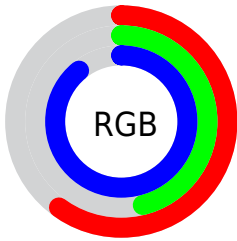
Format	Color
R_{YB}	153, 117, 228
Decimal	10057188
CIE _{Lab}	57.17, 37.81, -51.63
CIE _{LCh}	57, 63.992, 306.217
Yxy	25.0963, 0.2480, 0.1858
Android (android.graphics.Color)	4288247268 (0xFF9975E4)
YUV	140.4180, 43.1779, 11.0344
Hunter-Lab	50.0962, 31.7031, -55.4450

Details

The Hex color **9975E4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C0E475**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D2AAFF**, and **6244AC** is the 20% darker color. If you saturate the color by 10%, you get **8A5EE4**, and if you desaturate by 10%, it is **A88CE4**.

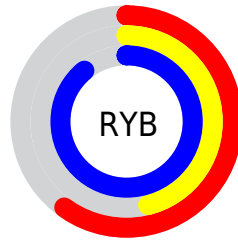
Distribution



Red (60%)

Green (46%)

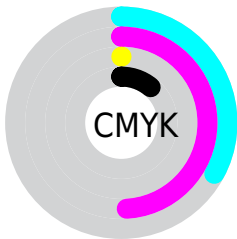
Blue (89%)



Red (60%)

Yellow (46%)

Blue (89%)

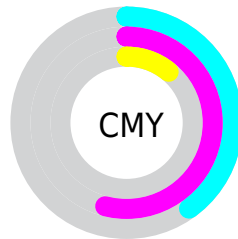


Cyan (33%)

Magenta (49%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (54%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9975E4 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 9975E4 by changing the saturation by 10% instead.

 9975E4

 9975E4

FFFFFF

 7D5CC8

 D2AAFF

 6244AC

 EFC5FF

 462C91

 FFE2FF

 291577

FFFEFF

 00005D

 000045

 00032D

 000118

 000000

9975E4

9975E4

8A5EE4

A88CE4

7A47E4

B8A3E4

6B31E4

C7B9E4

5B1AE4

D7D0E4

4C03E4

E6E7E4

4A00E4

F5FEE4

FFFFE4

Harmonies

Analogous

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



008CF9



9975E4



D55BB7

Triad

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



9975E4



C7761A



00A394

Complementary

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



9975E4



C0E475

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.



00A05A



9975E4



998A00

Square

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



9975E4



E55D4A



5E9824



00A2CA

Rectangle

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



9975E4



E85193



5E9824



00A280

Sweetspot

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



9975E4



E5D9FF



75C1E4



706980



000000



808080

Same Dimension

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



9975E4



9B6BFF



D075E4



6B6773



3A00B3



110033

Inverse Universe

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



E475C0



FF6BCF



89E475



73676F



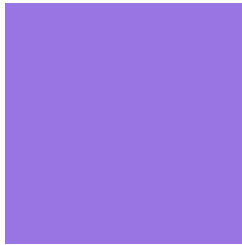
B30079



330022

Previews

White Background



This preview shows how the Hex color 9975E4 looks on a white background.

Color Contrast Check

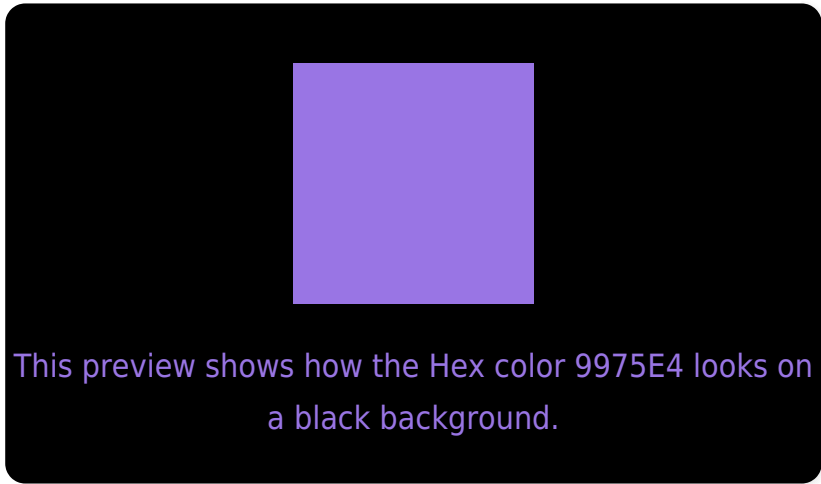
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

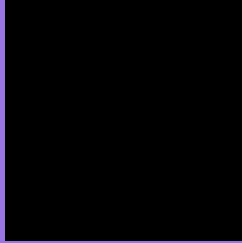
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9975E4 Background



This preview shows how black text looks on a background with the Hex color 9975E4.

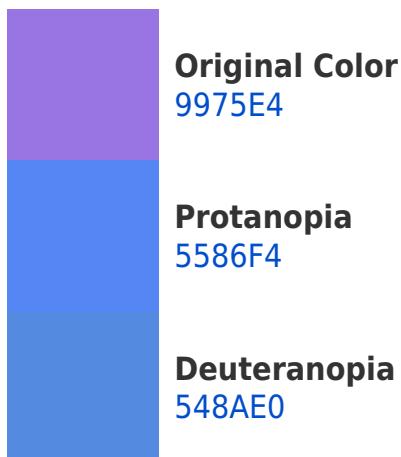


This preview shows how white text looks on a background with the Hex color 9975E4.

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



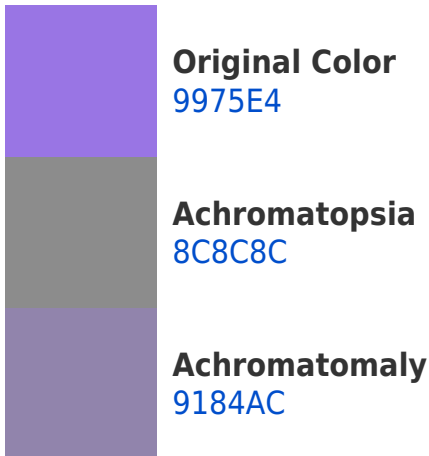


Tritanopia
888893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9975E4 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 #9975E4 looks like.

```
.text, #text, p{  
    color:#9975E4  
}
```

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 #9975E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9975E4
}
```

Border

The CSS property to change the border of an element to Hex 9975E4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

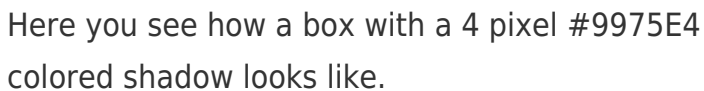
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9975E4 }
```

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

```
.border{ border-color:#9975E4 }
```

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



Here you see how a box with a 4 pixel #9975E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9975E4; -webkit-box-shadow:4px 4px  
4px 4px #9975E4; box-shadow:4px 4px 4px  
4px #9975E4 }
```

Background

The CSS property to change the background color of an element to Hex 9975E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9975E4 }
```

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

```
.background{ background-color:#9975E4 }
```

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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