

Converting Colors

Hex(947CE5)

Have a look what the booklet for
Hex(947CE5) contains.

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Color

Hex(947CE5)

Conversions

Conversions Part 1

Format	Color
Hex	947CE5
RGB	148, 124, 229
RGB Percent	58%, 49%, 90%
CMY	0.4196, 0.5137, 0.1020
CMYK	0.35, 0.46, 0.00, 0.10
HSL	254°, 67%, 69%
HSV	254°, 46%, 90%
XYZ	33.5633, 26.3683, 77.4494
YIQ	143.1460, -19.4010, 37.7430

Conversions

Conversions Part 2

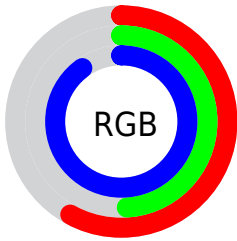
Format	Color
RYB	148, 124, 229
Decimal	9731301
CIELab	58.39, 32.78, -50.28
CIElCh	58, 60.026, 303.105
Yxy	26.3683, 0.2443, 0.1919
Android (android.graphics.Color)	4287921381 (0xFF947CE5)
YUV	143.1460, 42.3260, 4.2570
Hunter-Lab	51.3501, 26.8077, -53.4797

Details

The Hex color **947CE5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **CDE57C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CDB1FF**, and **5D4BAD** is the 20% darker color. If you saturate the color by 10%, you get **8265E5**, and if you desaturate by 10%, it is **A693E5**.

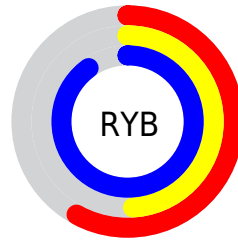
Distribution



Red (58%)

Green (49%)

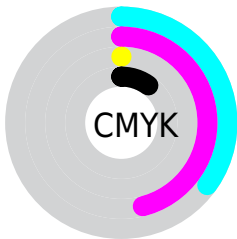
Blue (90%)



Red (58%)

Yellow (49%)

Blue (90%)

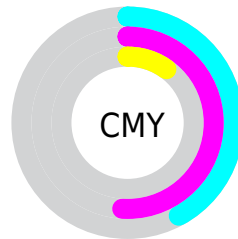


Cyan (35%)

Magenta (46%)

Yellow (0%)

Black (10%)



Cyan (42%)

Magenta (51%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947CE5 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 947CE5 by changing the saturation by 10% instead.

 947CE5

 947CE5

FFFFFF

 7863C9

 CDB1FF

 5D4BAD

 EACCFE

 413392

 FFE9FF

 231D78

 00085E

 000046

 00042E

 000119

 000000

 947CE5

 947CE5

 8265E5

 A693E5

 714EE5

 B7AAE5

 5F37E5

 C9C1E5

 4D20E5

 DBD8E5

 3C0AE5

 ECFE5

 3400E5

 FEFFE5

 FFFE5

Harmonies

Analogous

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



0091F6



947CE5



D065BD

Triad

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



947CE5



CC782B



00A590

Complementary

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



947CE5



CDE57C

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.



00A25A



947CE5



A28C11

Square

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



947CE5



E66356



6C9A2B



00A4C5

Rectangle

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



947CE5



E55B9B



6C9A2B



00A47E

Sweetspot

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



947CE5



E3DBFF



7CCEE5



6F6A80



000000



808080

Same Dimension

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



947CE5



9373FF



C77CE5



6A6773



2900B3



0C0033

Inverse Universe

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



E57CCD



FF73DF



9AE57C



736770



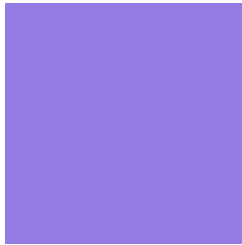
B3008A



330027

Previews

White Background



This preview shows how the Hex color 947CE5 looks on a white background.

Color Contrast Check

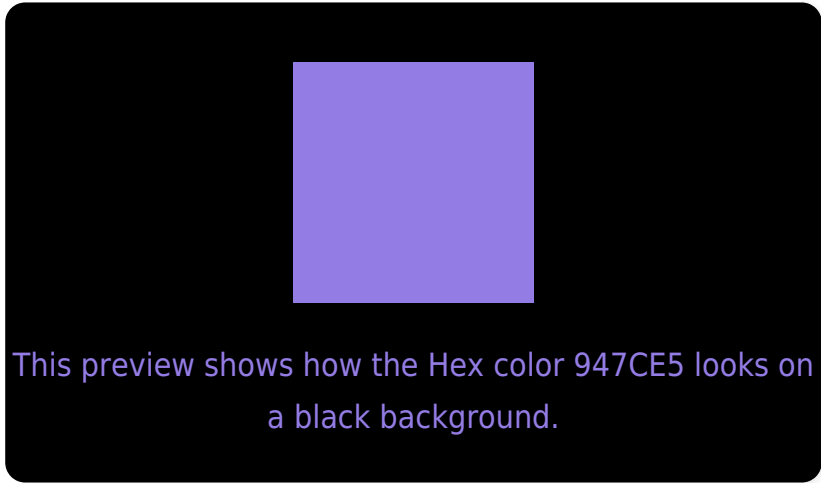
Large Text (above 18pt) WCAG AA ✓ Pass

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

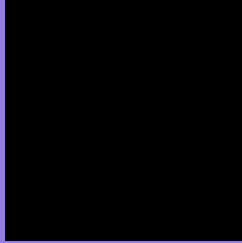
Any Text WCAG AA ✓ Pass

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 947CE5 Background



This preview shows how black text looks on a background with the Hex color 947CE5.

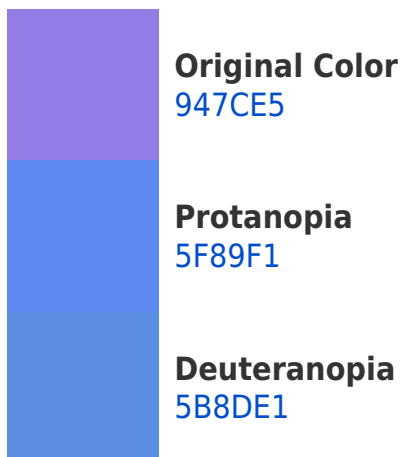


This preview shows how white text looks on a background with the Hex color 947CE5.

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](#).

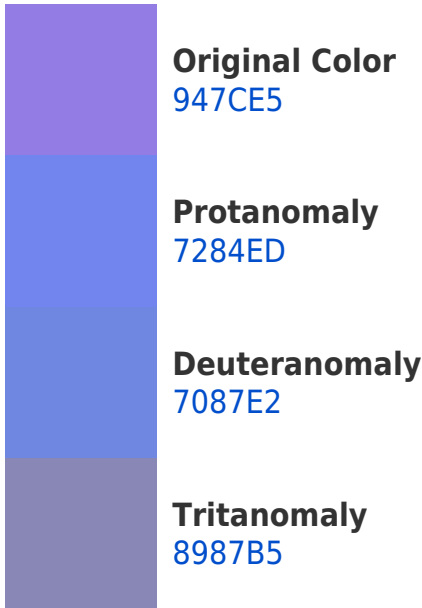
Dichromacy



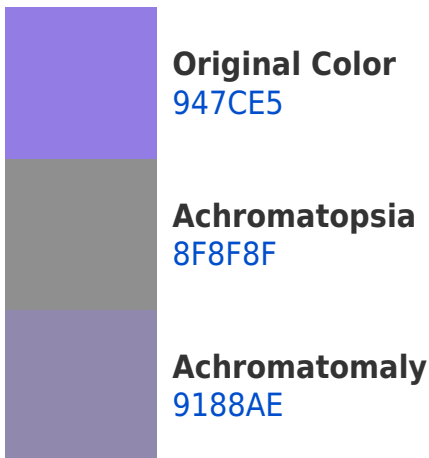


Tritanopia
838D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 947CE5 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 #947CE5 looks like.

```
.text, #text, p{  
    color:#947CE5  
}
```

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 #947CE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947CE5
}
```

Border

The CSS property to change the border of an element to Hex 947CE5 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
#947CE5 }
```

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

```
.border{ border-color:#947CE5 }
```

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

Here you see how a box with a 4 pixel #947CE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947CE5; -webkit-box-shadow:4px 4px  
4px 4px #947CE5; box-shadow:4px 4px 4px  
4px #947CE5 }
```

Background

The CSS property to change the background color of an element to Hex 947CE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947CE5 }
```

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

```
.background{ background-color:#947CE5 }
```

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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