

Converting Colors

Hex(945FF5)

Have a look what the booklet for
Hex(945FF5) contains.

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Color

Hex(945FF5)

Conversions

Conversions Part 1

Format	Color
Hex	945FF5
RGB	148, 95, 245
RGB Percent	58%, 37%, 96%
CMY	0.4196, 0.6275, 0.0392
CMYK	0.40, 0.61, 0.00, 0.04
HSL	261°, 88%, 67%
HSV	261°, 61%, 96%
XYZ	32.7864, 21.0729, 88.7256
YIQ	127.9470, -16.5620, 57.8860

Conversions

Conversions Part 2

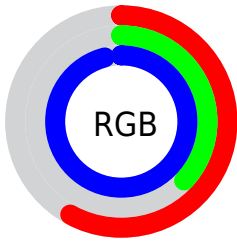
Format	Color
R _{YB}	148, 95, 245
Decimal	9723893
CIE _{Lab}	53.03, 53.12, -67.79
CIE _{LCh}	53, 86.126, 308.083
Yxy	21.0729, 0.2299, 0.1478
Android (android.graphics.Color)	4287913973 (0xFF945FF5)
YUV	127.9470, 57.7071, 17.5865
Hunter-Lab	45.9052, 47.1540, -82.4621

Details

The Hex color **945FF5** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **C0F55F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CF94FF**, and **592CBC** is the 20% darker color. If you saturate the color by 10%, you get **8446F5**, and if you desaturate by 10%, it is **A478F5**.

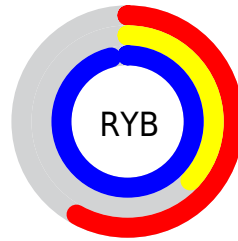
Distribution



Red (58%)

Green (37%)

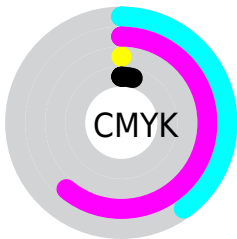
Blue (96%)



Red (58%)

Yellow (37%)

Blue (96%)

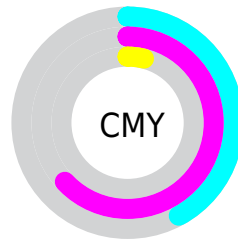


Cyan (40%)

Magenta (61%)

Yellow (0%)

Black (4%)



Cyan (42%)

Magenta (63%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 945FF5 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 945FF5 by changing the saturation by 10% instead.

 945FF5

 945FF5

FFFFFF

 7746D8

 CF94FF

 592CBC

 EDAFFF

 3911A0

 FFCBFF

 0E0085

 FFE8FF

 00006B

 000052

 000539

 000223

 00000A

 945FF5

 945FF5

 8446F5

 A478F5

 742EF5

 B490F5

 6415F5

 C4A9F5

 5700F5

 D3C1F5

 E3DAF5

 F3F2F5

 FFFFF5

Harmonies

Analogous

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



0082FF



945FF5



E325B8

Triad

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



945FF5



C46600



009D92

Complementary

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



945FF5



C0F55F

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.



009A43



945FF5



888200

Square

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



945FF5



EE3725



2D9200



009CD9

Rectangle

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



945FF5



F90087



2D9200



009C78

Sweetspot

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



945FF5



E1D1FF



5FC0F5



6D6380



000000



808080

Same Dimension

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



945FF5



8745FF



DE5FF5



726E7A



4200BA



15003B

Inverse Universe

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



F55FC0



FF45BD



76F55F



7A6E76



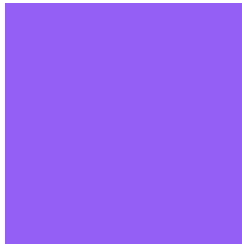
BA0078



3B0026

Previews

White Background



This preview shows how the Hex color 945FF5 looks on a white background.

Color Contrast Check

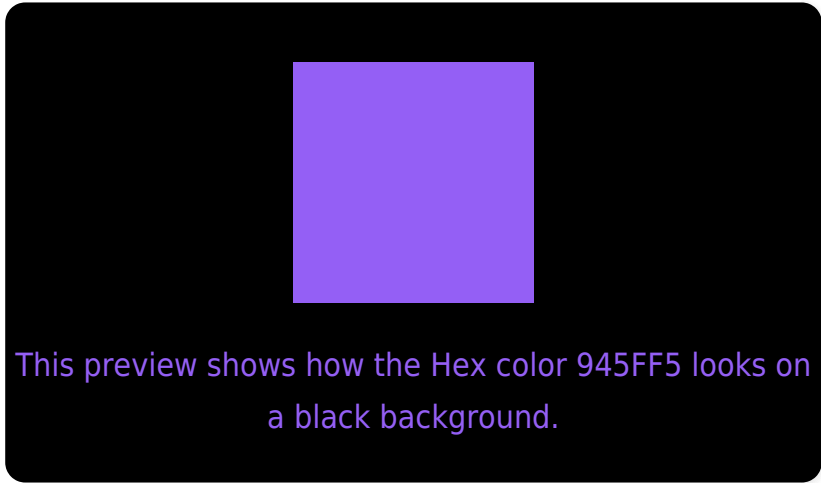
Large Text (above 18pt) WCAG AA ✓ Pass

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

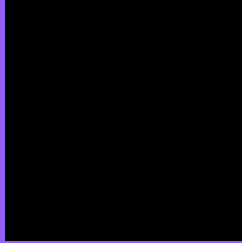
Any Text WCAG AA ✓ Pass

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 945FF5 Background



This preview shows how black text looks on a background with the Hex color 945FF5.

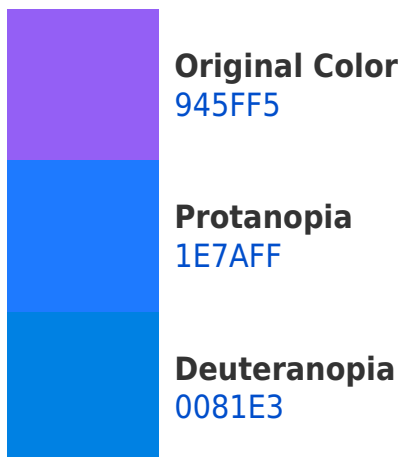


This preview shows how white text looks on a background with the Hex color 945FF5.

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](#).

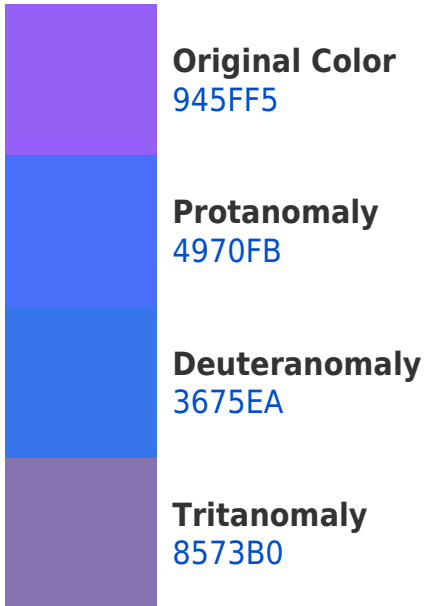
Dichromacy



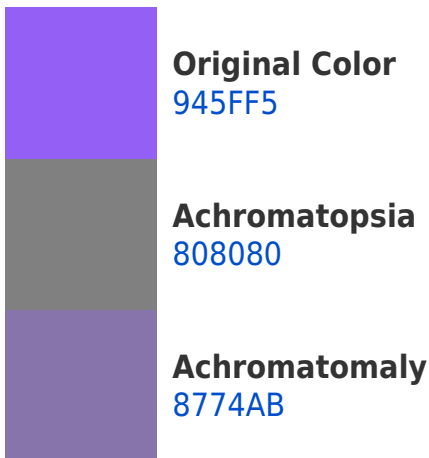


Tritanopia
7C7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 945FF5 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 #945FF5 looks like.

```
.text, #text, p{  
    color:#945FF5  
}
```

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 #945FF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945FF5
}
```

Border

The CSS property to change the border of an element to Hex 945FF5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

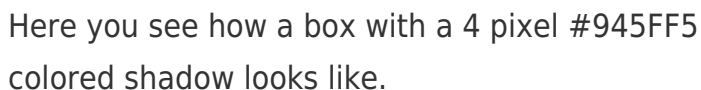
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945FF5 }
```

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

```
.border{ border-color:#945FF5 }
```

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



Here you see how a box with a 4 pixel #945FF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945FF5; -webkit-box-shadow:4px 4px  
4px 4px #945FF5; box-shadow:4px 4px 4px  
4px #945FF5 }
```

Background

The CSS property to change the background color of an element to Hex 945FF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945FF5 }
```

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

```
.background{ background-color:#945FF5 }
```

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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