

Converting Colors

Hex(954DD6)

Have a look what the booklet for
Hex(954DD6) contains.

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Color

Hex(954DD6)

Conversions

Conversions Part 1

Format	Color
Hex	954DD6
RGB	149, 77, 214
RGB Percent	58%, 30%, 84%
CMY	0.4157, 0.6980, 0.1608
CMYK	0.30, 0.64, 0.00, 0.16
HSL	272°, 63%, 57%
HSV	272°, 64%, 84%
XYZ	27.1859, 16.5524, 65.3804
YIQ	114.1460, -1.0650, 57.8710

Conversions

Conversions Part 2

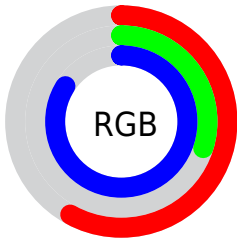
Format	Color
RYB	149, 77, 214
Decimal	9784790
CIELab	47.69, 54.91, -58.92
CIELCh	48, 80.536, 312.982
Yxy	16.5524, 0.2491, 0.1517
Android (android.graphics.Color)	4287974870 (0xFF954DD6)
YUV	114.1460, 49.2280, 30.5670
Hunter-Lab	40.6846, 48.0777, -66.8002

Details

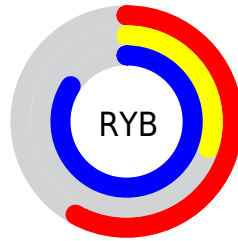
The Hex color **954DD6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **8ED64D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **CF82FF**, and **5D169E** is the 20% darker color. If you saturate the color by 10%, you get **8B38D6**, and if you desaturate by 10%, it is **9F62D6**.

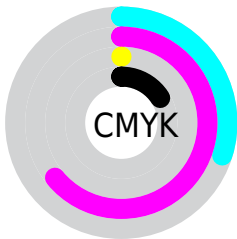
Distribution



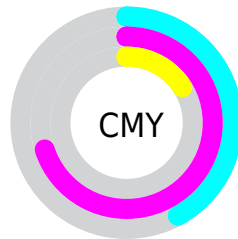
- Red (58%)
- Green (30%)
- Blue (84%)



- Red (58%)
- Yellow (30%)
- Blue (84%)



- Cyan (30%)
- Magenta (64%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (70%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 954DD6 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 954DD6 by changing the saturation by 10% instead.

954DD6

954DD6

FFFFFF

7933BA

CF82FF

5D169E

EC9DFF

400083

FFB9FF

21006A

FFD5FF

000051

FFF2FF

000438

000222

000008

000000

 954DD6

 954DD6

 8B38D6

 9F62D6

 8122D6

 A978D6

 770DD6

 B38DD6

 7000D6

 BEA3D6

 C8B8D6

 D2CDD6

 DCE3D6

 E6F8D6

 F0FFD6

Harmonies

Analogous

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



0071F8



954DD6



D40C9B

Triad

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



954DD6



A95F00



008D8E

Complementary

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



954DD6



8ED64D

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.



008B46



954DD6



6F7800

Square

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



954DD6



D23711



008500



008CCD

Rectangle

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



954DD6



E3006E



008500



008D76

Sweetspot

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



954DD6



E8CFFF



4D8FD6



726280



000000



808080

Same Dimension

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



954DD6



A23BFF



D64DD4



66606B



5A00AB



17002B

Inverse Universe

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



D64D8E



FF3B98



4DD64F



6B6065



AB0051



2B0015

Previews

White Background



This preview shows how the Hex color 954DD6 looks on a white background.

Color Contrast Check

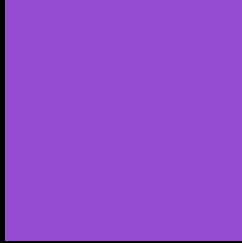
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 954DD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

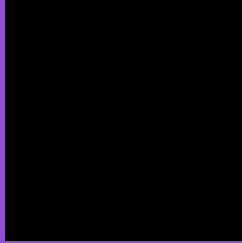
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 954DD6 Background



This preview shows how black text looks on a background with the Hex color 954DD6.

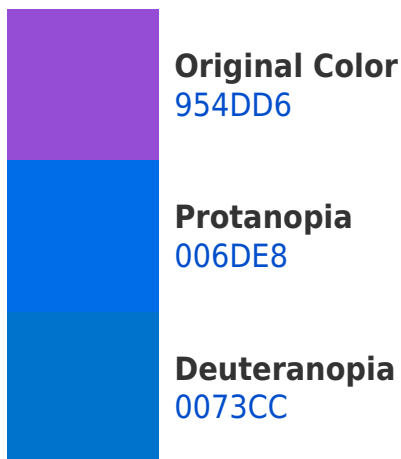



This preview shows how white text looks on a background with the Hex color 954DD6.

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](#).

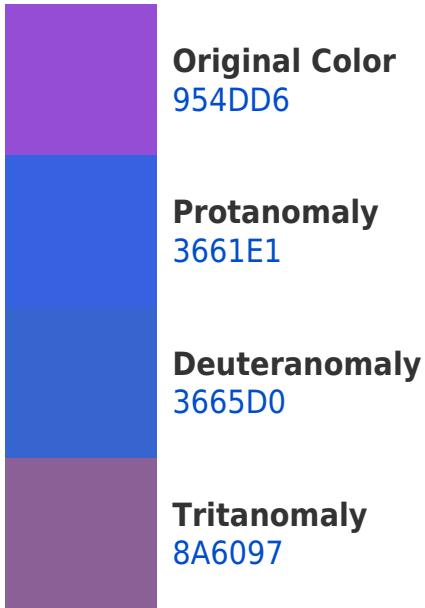
Dichromacy



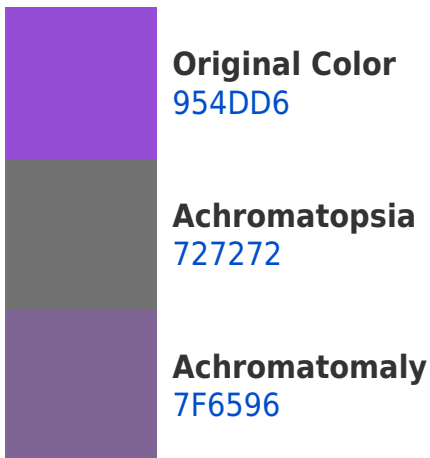


Tritanopia
836B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 954DD6 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 #954DD6 looks like.

```
.text, #text, p{  
  color:#954DD6  
}
```

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 #954DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #954DD6
}
```

Border

The CSS property to change the border of an element to Hex 954DD6 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".

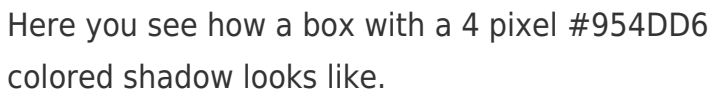
```
.border, #border, table{ border:4px solid
#954DD6 }
```

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

```
.border{ border-color:#954DD6 }
```

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

Here you see how a box with a 4 pixel #954DD6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #954DD6; -webkit-box-shadow:4px 4px  
4px 4px #954DD6; box-shadow:4px 4px 4px  
4px #954DD6 }
```

Background

The CSS property to change the background color of an element to Hex 954DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#954DD6 }
```

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

```
.background{ background-color:#954DD6 }
```

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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