

Converting Colors

Hex(D59FF6)

Have a look what the booklet for
Hex(D59FF6) contains.

Hex(D59FF6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D59FF6)

Conversions

Conversions Part 1

Format	Color
Hex	D59FF6
RGB	213, 159, 246
RGB Percent	84%, 62%, 96%
CMY	0.1647, 0.3765, 0.0353
CMYK	0.13, 0.35, 0.00, 0.04
HSL	277°, 83%, 79%
HSV	277°, 35%, 96%
XYZ	56.4733, 45.5962, 93.0133
YIQ	185.0640, 4.2570, 38.5050

Conversions

Conversions Part 2

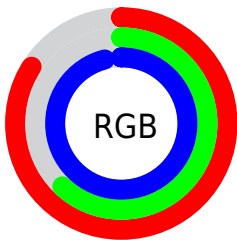
Format	Color
R_{YB}	213, 159, 246
Decimal	14000118
CIE _{Lab}	73.28, 35.50, -35.83
CIE _{LCh}	73, 50.444, 314.736
Yxy	45.5962, 0.2895, 0.2337
Android (android.graphics.Color)	4292190198 (0xFFD59FF6)
YUV	185.0640, 30.0414, 24.4999
Hunter-Lab	67.5250, 31.1164, -34.4024

Details

The Hex color **D59FF6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C0F69F**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFD6FF**, and **9D6BBD** is the 20% darker color. If you saturate the color by 10%, you get **CC86F6**, and if you desaturate by 10%, it is **DEB8F6**.

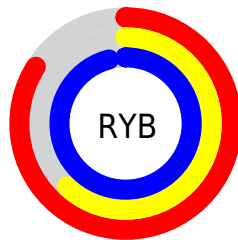
Distribution



Red (84%)

Green (62%)

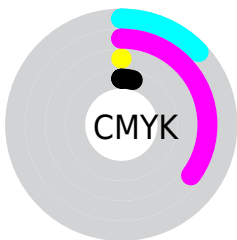
Blue (96%)



Red (84%)

Yellow (62%)

Blue (96%)

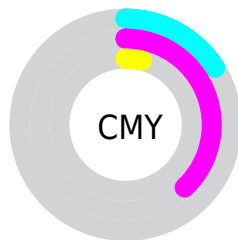


Cyan (13%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (16%)

Magenta (38%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color D59FF6 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 D59FF6 by changing the saturation by 10% instead.

 D59FF6

 D59FF6

FFFFFF

 B984D9

 FFD6FF

 9D6BBD

 FFF3FF

 8252A2

 683988

 4E226E

 350955

 1E003D

 000027

 000110

 D59FF6

 D59FF6

 CC86F6

 DEB8F6

 C26EF6

 E8D0F6

 B955F6

 F1E9F6

 B03DF6

 FAFFF6

 A624F6

 FFFFF6

 9D0BF6

 9900F6

Harmonies

Analogous

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



91B1FF



D59FF6



FE91CE

Triad

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



D59FF6



E4A95A



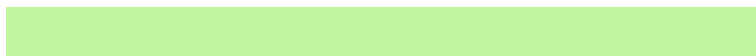
00CCCA

Complementary

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



D59FF6



C0F69F

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.



3DCA9A



D59FF6



BAB957

Square

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



D59FF6



FF9875



86C470



00C8F4

Rectangle

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



D59FF6



FF8DAE



86C470



00CCBA

Sweetspot

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



D59FF6



F4E3FF



9FC0F6



796F80



000000



808080

Same Dimension

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



D59FF6



D694FF



F69FEC



766E7A



7400BA



24003B

Inverse Universe

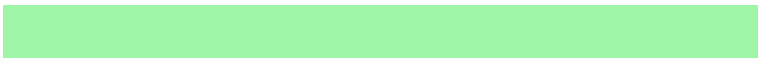
The Inverse Universe completely reimagines the original color for something new.



F69FC0



FF94BD



9FF6A9



7A6E73



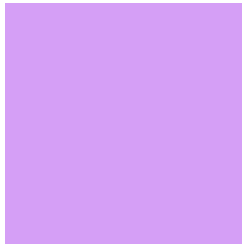
BA0047



3B0016

Previews

White Background



This preview shows how the Hex color D59FF6 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

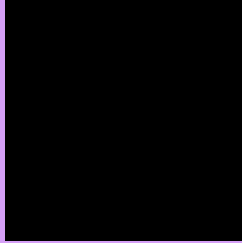
Any Text WCAG AA ✓ Pass

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 D59FF6 Background



This preview shows how black text looks on a background with the Hex color D59FF6.

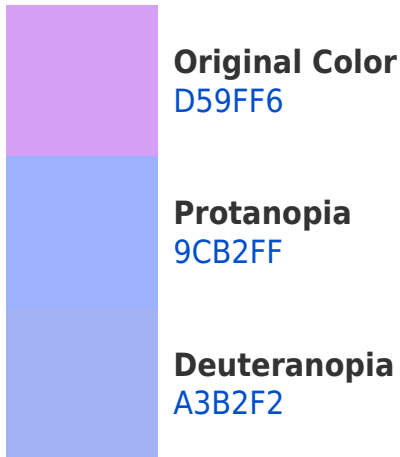



This preview shows how white text looks on a background with the Hex color D59FF6.

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
CBABB9

Trichromacy



Original Color
D59FF6



Protanomaly
B1ABFC



Deuteranomaly
B5ABF3



Tritanomaly
CFA7CF

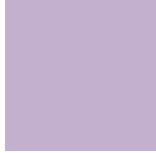
Monochromacy



Original Color
D59FF6



Achromatopsia
B9B9B9



Achromatomaly
C3B0CF

CSS Examples

Text

The CSS property to change the color of the text to Hex D59FF6 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 #D59FF6 looks like.

```
.text, #text, p{  
    color:#D59FF6  
}
```

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 #D59FF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59FF6
}
```

Border

The CSS property to change the border of an element to Hex D59FF6 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
#D59FF6 }
```

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

```
.border{ border-color:#D59FF6 }
```

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

Here you see how a box with a 4 pixel #D59FF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59FF6; -webkit-box-shadow:4px 4px  
4px 4px #D59FF6; box-shadow:4px 4px 4px  
4px #D59FF6 }
```

Background

The CSS property to change the background color of an element to Hex D59FF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59FF6 }
```

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

```
.background{ background-color:#D59FF6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor