

Converting Colors

Hex(25FF99)

Have a look what the booklet for
Hex(25FF99) contains.

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Color

Hex(25FF99)

Conversions

Conversions Part 1

Format	Color
Hex	25FF99
RGB	37, 255, 153
RGB Percent	15%, 100%, 60%
CMY	0.8549, 0.0000, 0.4000
CMYK	0.85, 0.00, 0.40, 0.00
HSL	152°, 100%, 57%
HSV	152°, 85%, 100%
XYZ	42.2727, 74.2132, 42.2336
YIQ	178.1900, -97.1860, -77.9380

Conversions

Conversions Part 2

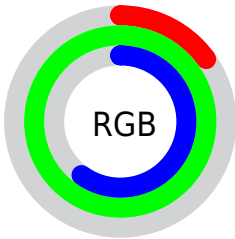
Format	Color
RYB	37, 179, 255
Decimal	2490265
CIELab	89.02, -71.03, 35.22
CIELCh	89, 79.277, 153.626
Yxy	74.2132, 0.2663, 0.4676
Android (android.graphics.Color)	4280680345 (0xFF25FF99)
YUV	178.1900, -12.4187, -123.8236
Hunter-Lab	86.1471, -63.1668, 31.2361

Details

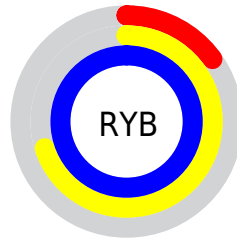
The Hex color **25FF99** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF258B**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **7CFFD0**, and **00C565** is the 20% darker color. If you saturate the color by 10%, you get **0CFF8D**, and if you desaturate by 10%, it is **3FFFA5**.

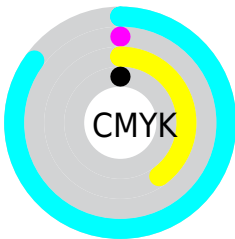
Distribution



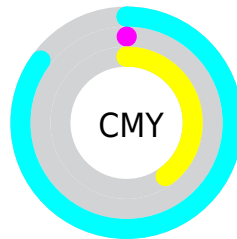
- Red (15%)
- Green (100%)
- Blue (60%)



- Red (15%)
- Yellow (70%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25FF99 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 25FF99 by changing the saturation by 10% instead.

 25FF99

 25FF99

FFFFFF

 00E27E

 7CFFD0

 00C565

 9EFFED

 00A84C

 BEFFFF

 008D33

 DEFFFF

 00721B

FEFFFF

 005700

 003F00

 002500

 000000

 25FF99

 25FF99

 0CFF8D

 3FFFA5

 00FF88

 58FFB1

 72FFBD

 8BFFC9

 A5FFD5

 BEFFE1

 D8FFED

 F1FFF8

FFFFFF

Harmonies

Analogous

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



B1F358



25FF99



00FE7

Triad

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



25FF99



2DE5FF



FFA590

Complementary

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



25FF99



FF258B

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.



FF98D9



25FF99



EEC8FF

Square

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



25FF99



00F9FF



FFA8FF



FFC354

Rectangle

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



25FF99



00FFFF



FFA8FF



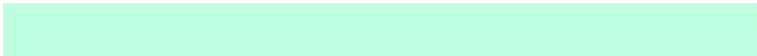
FF9EA7

Sweetspot

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



25FF99



BDFFE0



8EFF25



58806D



000000



808080

Same Dimension

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



25FF99



00FF88



25FBFF



73807A



00BF66



004022

Inverse Universe

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



FF258B



FF0077



FF2925



807379



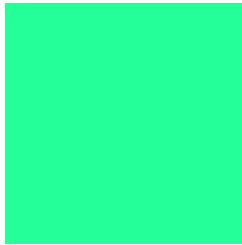
BF0059



40001E

Previews

White Background



This preview shows how the Hex color 25FF99 looks on a white background.

Color Contrast Check

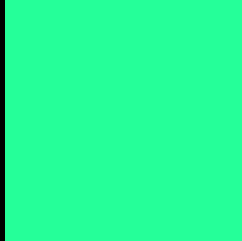
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 25FF99 looks on a 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 25FF99 Background



This preview shows how black text looks on a background with the Hex color 25FF99.

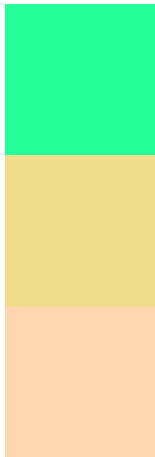


This preview shows how white text looks on a background with the Hex color 25FF99.

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](#).

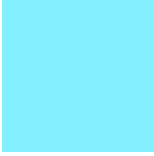
Dichromacy



Original Color
25FF99

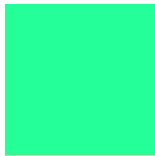
Protanopia
F1DD8C

Deuteranopia
FFD6AF



Tritanopia
83EFFF

Trichromacy



Original Color
25FF99



Protanomaly
A7E991



Deuteranomaly
B0E5A7



Tritanomaly
61F5DA

Monochromacy



Original Color
25FF99



Achromatopsia
B2B2B2



Achromatomaly
7FCEA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 25FF99 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 #25FF99 looks like.

```
.text, #text, p{  
    color:#25FF99  
}
```

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 #25FF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25FF99
}
```

Border

The CSS property to change the border of an element to Hex 25FF99 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
#25FF99 }
```

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

```
.border{ border-color:#25FF99 }
```

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

Here you see how a box with a 4 pixel #25FF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25FF99; -webkit-box-shadow:4px 4px  
4px 4px #25FF99; box-shadow:4px 4px 4px  
4px #25FF99 }
```

Background

The CSS property to change the background color of an element to Hex 25FF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25FF99 }
```

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

```
.background{ background-color:#25FF99 }
```

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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