

Converting Colors

Hex(25FA73)

Have a look what the booklet for
Hex(25FA73) contains.

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Color

Hex(25FA73)

Conversions

Conversions Part 1

Format	Color
Hex	25FA73
RGB	37, 250, 115
RGB Percent	15%, 98%, 45%
CMY	0.8549, 0.0196, 0.5490
CMYK	0.85, 0.00, 0.54, 0.02
HSL	142°, 96%, 56%
HSV	142°, 85%, 98%
XYZ	38.0431, 70.0023, 27.7264
YIQ	170.9230, -83.6130, -87.1410

Conversions

Conversions Part 2

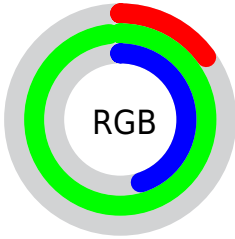
Format	Color
RYB	37, 193, 250
Decimal	2488947
CIELab	87.00, -75.48, 50.82
CIELCh	87, 90.988, 146.049
Yxy	70.0023, 0.2802, 0.5156
Android (android.graphics.Color)	4280679027 (0xFF25FA73)
YUV	170.9230, -27.5700, -117.4505
Hunter-Lab	83.6674, -65.2551, 38.9192

Details

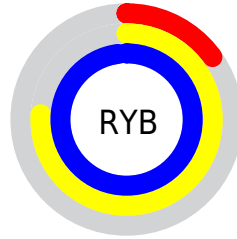
The Hex color **25FA73** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FA25AC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **7BFFAA**, and **00C03E** is the 20% darker color. If you saturate the color by 10%, you get **0CFA63**, and if you desaturate by 10%, it is **3EFA83**.

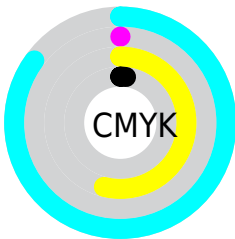
Distribution



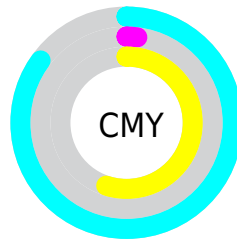
- Red (15%)
- Green (98%)
- Blue (45%)



- Red (15%)
- Yellow (76%)
- Blue (98%)



- Cyan (85%)
- Magenta (0%)
- Yellow (54%)
- Black (2%)



- Cyan (85%)
- Magenta (2%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25FA73 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 25FA73 by changing the saturation by 10% instead.

 25FA73

 25FA73

FFFFFF

 00DD58

 7BFFAA

 00C03E

 9DFFC6

 00A422

 BDFFE2

 008800

 DDFFFF

 006D00

 FDFFFF

 005300

 003B00

 002000

 000000

 25FA73

 25FA73

 0CFA63

 3EFA83

 00FA5C

 57FA93

 70FAA3

 89FAB2

 A2FAC2

 BBFAD2

 D4FAE2

 EDFAF2

 FFFAFF

Harmonies

Analogous

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



BAEB1C



25FA73



00FFCB

Triad

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



25FA73



00E8FF



FF8B93

Complementary

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



25FA73



FA25AC

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.



FF82E9



25FA73



C1C8FF

Square

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



25FA73



00FAFF



FF9FFF



FFAF46

Rectangle

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



25FA73



00FFFF



FF9FFF



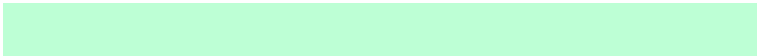
FF83AF

Sweetspot

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



25FA73



BDFFD5



AFFA25



588066



000000



808080

Same Dimension

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



25FA73



00FF5D



25FADA



707D75



00BD45



003D16

Inverse Universe

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



FA25AC



FF00A2



FA2545



7D7078



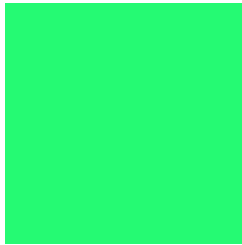
BD0078



3D0027

Previews

White Background



This preview shows how the Hex color 25FA73 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 25FA73 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 25FA73 Background



This preview shows how black text looks on a background with the Hex color 25FA73.

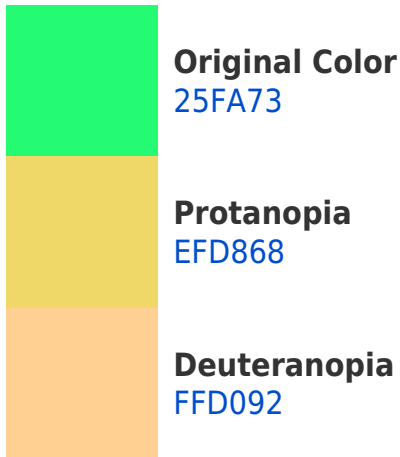


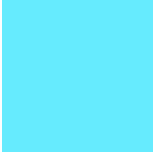
This preview shows how white text looks on a background with the Hex color 25FA73.

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](#).

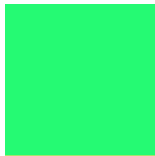
Dichromacy





Tritanopia
66EBFE

Trichromacy



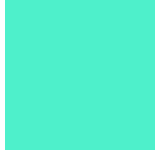
Original Color
25FA73



Protanomaly
A6E46C



Deuteranomaly
B0DF87



Tritanomaly
4EF0CB

Monochromacy



Original Color
25FA73



Achromatopsia
ABABAB



Achromatomaly
7AC897

CSS Examples

Text

The CSS property to change the color of the text to Hex 25FA73 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 #25FA73 looks like.

```
.text, #text, p{  
    color:#25FA73  
}
```

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 #25FA73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25FA73
}
```

Border

The CSS property to change the border of an element to Hex 25FA73 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
#25FA73 }
```

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

```
.border{ border-color:#25FA73 }
```

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

Here you see how a box with a 4 pixel #25FA73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25FA73; -webkit-box-shadow:4px 4px  
4px 4px #25FA73; box-shadow:4px 4px 4px  
4px #25FA73 }
```

Background

The CSS property to change the background color of an element to Hex 25FA73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25FA73 }
```

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

```
.background{ background-color:#25FA73 }
```

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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