

# Converting Colors

Hex(25FF66)

Have a look what the booklet for  
Hex(25FF66) contains.

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# **Color**

**Hex(25FF66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25FF66
RGB	37, 255, 102
RGB Percent	15%, 100%, 40%
CMY	0.8549, 0.0000, 0.6000
CMYK	0.85, 0.00, 0.60, 0.00
HSL	138°, 100%, 57%
HSV	138°, 85%, 100%
XYZ	38.9212, 72.8726, 24.5848
YIQ	172.3760, -80.8150, -93.7990

# Conversions

## Conversions Part 2

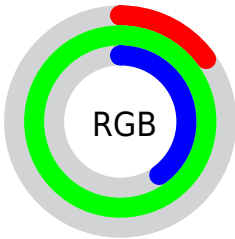
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 205, 255
Decimal	2490214
CIELab	88.39, -78.65, 58.19
CIELCh	88, 97.835, 143.503
Yxy	72.8726, 0.2854, 0.5343
Android (android.graphics.Color)	4280680294 (0xFF25FF66)
YUV	172.3760, -34.6954, -118.7248
Hunter-Lab	85.3655, -68.0049, 42.6806

# Details

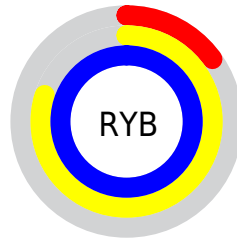
The Hex color **25FF66** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF25BE**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7DFF9D**, and **00C52E** is the 20% darker color. If you saturate the color by 10%, you get **0CFF54**, and if you desaturate by 10%, it is **3FFF78**.

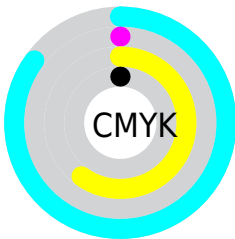
# Distribution



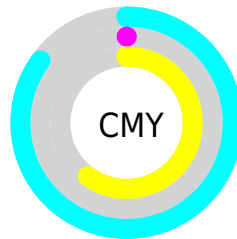
- Red (15%)
- Green (100%)
- Blue (40%)



- Red (15%)
- Yellow (80%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25FF66 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 25FF66 by changing the saturation by 10% instead.



 25FF66

 25FF66

FFFFFF

 00E14B

 7DFF9D

 00C52E

 9FFFB9

 00A806

 C0FFD6

 008C00

 E0FFF3

 007100

 005700

 003E00

 002400

 000000

 25FF66

 25FF66

 0CFF54

 3FFF78

 00FF4C

 58FF8A

 72FF9C

 8BFFAE

 A5FFBF

 BEFFD1

 D8FFE3

 F1FFF5

FFFFFF

# Harmonies

## Analogous

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



C2EF00



25FF66



00FFC6

# Triad

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



25FF66



00EFFF



FF829A

# Complementary

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



25FF66



FF25BE

# 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.



FF7BF6



25FF66



AFCEFF

# Square

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



25FF66



00FFFF



FFA1FF



FFAB43

# Rectangle

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



25FF66



00FFFF



FFA1FF



FF7AB8

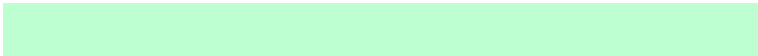


# Sweetspot

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



25FF66



BDFFD0



C1FF25



588064



000000



808080



# Same Dimension

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



25FF66



00FF4C



25FFD0



738077



00BF39



004013



# Inverse Universe

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



FF25BE



FF00B3



FF2554



80737C



BF0086

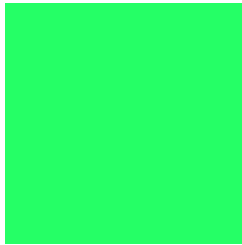


40002D



# Previews

## White Background



This preview shows how the Hex color 25FF66 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 25FF66 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 25FF66 Background



This preview shows how black text looks on a background with the Hex color 25FF66.

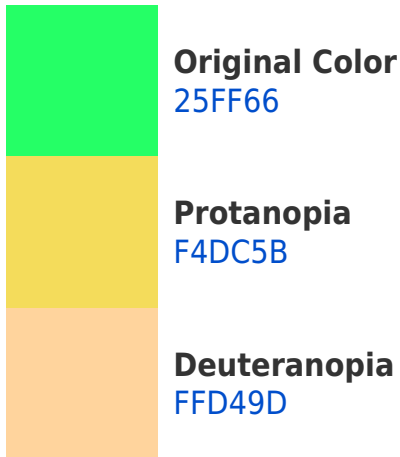


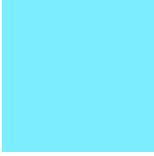
This preview shows how white text looks on a background with the Hex color 25FF66.

# 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](#).

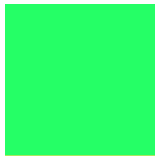
## Dichromacy





**Tritanopia**  
7BEDFF

# Trichromacy



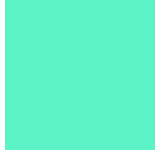
**Original Color**  
25FF66



**Protanomaly**  
A9E95F



**Deuteranomaly**  
B0E489



**Tritanomaly**  
5CF4C7

# Monochromacy



**Original Color**  
25FF66



**Achromatopsia**  
ACACAC



**Achromatomaly**  
7BCA93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25FF66 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 #25FF66 looks like.

```
.text, #text, p{  
    color:#25FF66  
}
```

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 #25FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25FF66
}
```

## Border

The CSS property to change the border of an element to Hex 25FF66 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
#25FF66 }
```

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

```
.border{ border-color:#25FF66 }
```

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

Here you see how a box with a 4 pixel #25FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25FF66; -webkit-box-shadow:4px 4px  
4px 4px #25FF66; box-shadow:4px 4px 4px  
4px #25FF66 }
```

# Background

The CSS property to change the background color of an element to Hex 25FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25FF66 }
```

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

```
.background{ background-color:#25FF66 }
```

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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