

# Converting Colors

Hex(21F25F)

Have a look what the booklet for  
Hex(21F25F) contains.

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**Color**

**Hex(21F25F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21F25F
RGB	33, 242, 95
RGB Percent	13%, 95%, 37%
CMY	0.8706, 0.0510, 0.6275
CMYK	0.86, 0.00, 0.61, 0.05
HSL	138°, 89%, 54%
HSV	138°, 86%, 95%
XYZ	34.4449, 64.6538, 21.4905
YIQ	162.7510, -77.3770, -90.0250

# Conversions

## Conversions Part 2

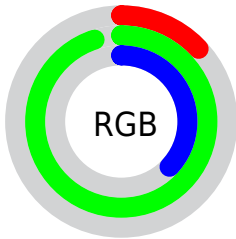
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 194, 242
Decimal	2224735
CIE <sub>Lab</sub>	84.31, -75.87, 56.49
CIE <sub>LCh</sub>	84, 94.594, 143.329
Yxy	64.6538, 0.2856, 0.5361
Android (android.graphics.Color)	4280414815 (0xFF21F25F)
YUV	162.7510, -33.4012, -113.7916
Hunter-Lab	80.4076, -64.2477, 40.4389




# Details

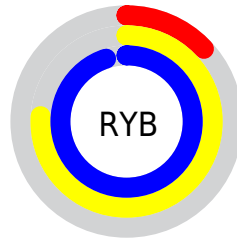
The Hex color **21F25F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F221B4**, and the grayscale version is **A3A3A3**.




A 20% lighter version of the original color is **79FF96**, and **00B827** is the 20% darker color. If you saturate the color by 10%, you get **09F24E**, and if you desaturate by 10%, it is **39F270**.

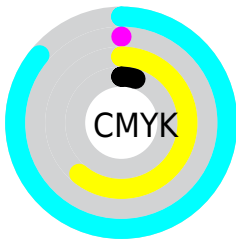
# Distribution







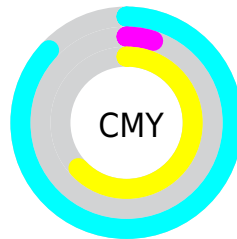
-  Red (13%)
-  Green (95%)
-  Blue (37%)






-  Red (13%)
-  Yellow (76%)
-  Blue (95%)



-  Cyan (86%)
-  Magenta (0%)
-  Yellow (61%)
-  Black (5%)



-  Cyan (87%)
-  Magenta (5%)
-  Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21F25F 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 21F25F by changing the saturation by 10% instead.



 21F25F

FFFFFF

 79FF96

 9AFFB2

 BAFFCE


 DAFFEB

 FAFFFF

 21F25F

 00D544

 00B827

 009C00

 008100

 006600

 004C00


 003300

 001800

 000000

 21F25F

 21F25F

 09F24E

 39F270

 00F248

 51F281

 6AF292

 82F2A3

 9AF2B4

 B2F2C5

 CAF2D6

 E3F2E7

 FBF2F8

# Harmonies

## Analogous

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



B8E200



21F25F



00F9BB

# Triad

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



21F25F



00E3FF



FF7A91

# Complementary

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



21F25F



F221B4

# 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.



FF74EA



21F25F



A4C3FF

# Square

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



21F25F



00F4FF



FF98FF



FFA13F

# Rectangle

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



21F25F



00BF9



FF98FF



FF73AE

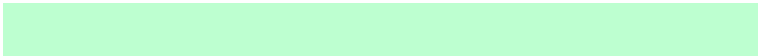


# Sweetspot

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



21F25F



BDFFD0



B7F221



588064



000000



808080



# Same Dimension

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



21F25F



00FF4C



21F2C5



6C786F



00B836



003811



# Inverse Universe

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



F221B4



FF00B3



F2214E



786C74



B80081

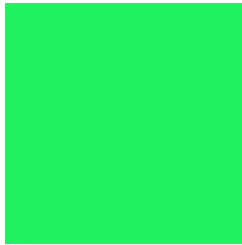


380027



# Previews

## White Background



This preview shows how the Hex color 21F25F looks on a white background.

## Color Contrast Check

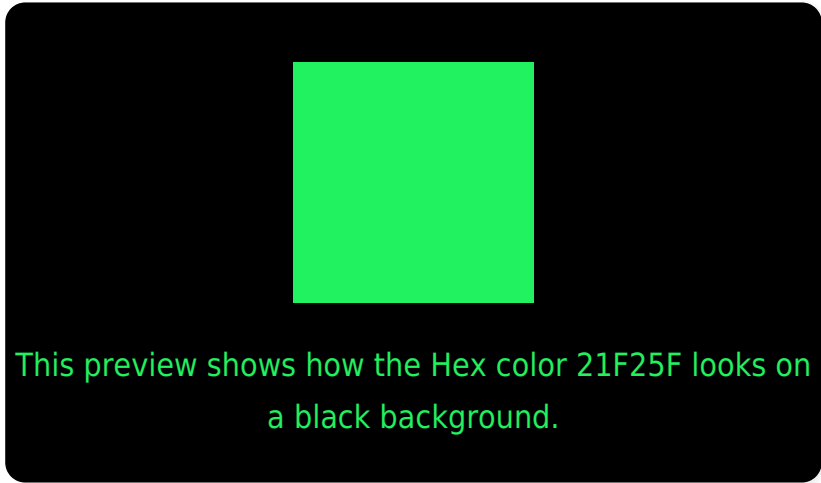
Large Text (above 18pt) WCAG AA × Fail

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 21F25F Background



This preview shows how black text looks on a background with the Hex color 21F25F.

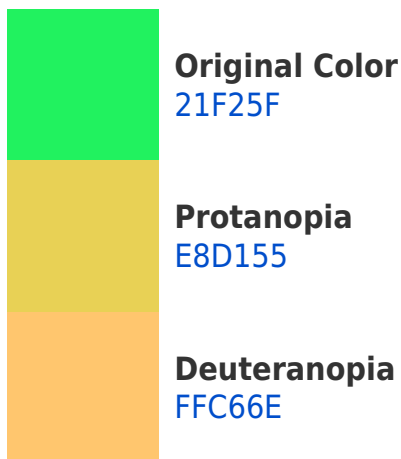


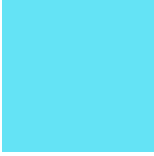
This preview shows how white text looks on a background with the Hex color 21F25F.

# 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](#).

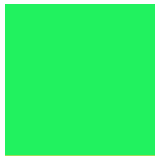
## Dichromacy





**Tritanopia**  
64E3F5

# Trichromacy



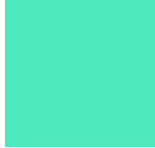
**Original Color**  
21F25F



**Protanomaly**  
A0DD59

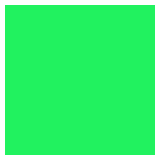


**Deuteranomaly**  
AED669



**Tritanomaly**  
4CE8BE

# Monochromacy



**Original Color**  
21F25F



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
74C08A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21F25F 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 #21F25F looks like.

```
.text, #text, p{  
    color:#21F25F  
}
```

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 #21F25F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21F25F
}
```

## Border

The CSS property to change the border of an element to Hex 21F25F 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
#21F25F }
```

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

```
.border{ border-color:#21F25F }
```

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

Here you see how a box with a 4 pixel #21F25F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21F25F; -webkit-box-shadow:4px 4px  
4px 4px #21F25F; box-shadow:4px 4px 4px  
4px #21F25F }
```

# Background

The CSS property to change the background color of an element to Hex 21F25F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21F25F }
```

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

```
.background{ background-color:#21F25F }
```

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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