

# Converting Colors

Hex(19F75D)

Have a look what the booklet for  
Hex(19F75D) contains.

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**Color**

**Hex(19F75D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19F75D
RGB	25, 247, 93
RGB Percent	10%, 97%, 36%
CMY	0.9020, 0.0314, 0.6353
CMYK	0.90, 0.00, 0.62, 0.03
HSL	138°, 93%, 53%
HSV	138°, 90%, 97%
XYZ	35.6375, 67.5185, 21.5100
YIQ	163.0660, -82.8780, -94.9580

# Conversions

## Conversions Part 2

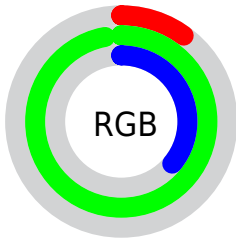
Format	Color
<a href="#">RYB</a>	<a href="#">25, 195, 247</a>
Decimal	<a href="#">1701725</a>
CIELab	<a href="#">85.77, -78.10, 58.98</a>
CIELCh	<a href="#">86, 97.864, 142.942</a>
Yxy	<a href="#">67.5185, 0.2859, 0.5416</a>
Android (android.graphics.Color)	<a href="#">4279891805</a> ( <a href="#">0xFF19F75D</a> )
YUV	<a href="#">163.0660, -34.5425, -121.0839</a>
Hunter-Lab	<a href="#">82.1697, -66.3804, 41.9981</a>

# Details

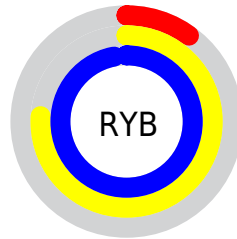
The Hex color **19F75D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F719B3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **77FF94**, and **00BD23** is the 20% darker color. If you saturate the color by 10%, you get **00F74C**, and if you desaturate by 10%, it is **32F76E**.

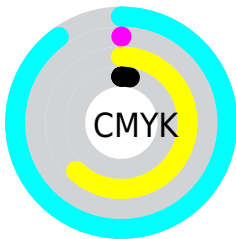
# Distribution



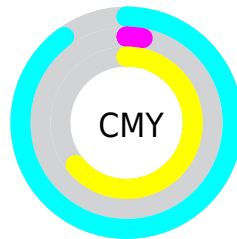
- Red (10%)
- Green (97%)
- Blue (36%)



- Red (10%)
- Yellow (76%)
- Blue (97%)



- Cyan (90%)
- Magenta (0%)
- Yellow (62%)
- Black (3%)



- Cyan (90%)
- Magenta (3%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19F75D 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 19F75D by changing the saturation by 10% instead.



 19F75D

 19F75D

FFFFFF

 00DA41

 77FF94

 00BD23

 99FFB0

 00A100

 BAFFCD

 008500

 DAFFEA

 006A00

 FAFFFF

 005000

 003700

 001D00

 000000

 19F75D

 19F75D

 00F74C

 32F76E

 4AF77F

 63F790

 7CF7A2

 94F7B3

 ADF7C4

 C6F7D5

 DFF7E6

 F7F7F7

# Harmonies

## Analogous

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



BCE700



19F75D



00FFBD

# Triad

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



19F75D



00E8FF



FF7994

# Complementary

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



19F75D



F719B3

# 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.



FF73F0



19F75D



A2C7FF

# Square

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



19F75D



00FAFF



FF9AFF



FFA33D

# Rectangle

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



19F75D



00FFFD



FF9AFF



FF71B2

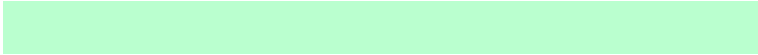


# Sweetspot

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



19F75D



BAFFCF



B4F719



578063



000000



808080



# Same Dimension

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



19F75D



00FF4E



19F7CB



6E7A72



00BA39



003B12



# Inverse Universe

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



F719B3



FF00B1



F71945



7A6E77



BA0081

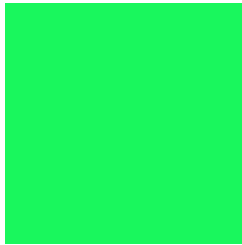


3B0029



# Previews

## White Background



This preview shows how the Hex color 19F75D looks on a white background.

## Color Contrast Check

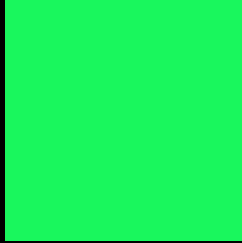
Large Text (above 18pt) WCAG AA × Fail

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 19F75D 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 19F75D Background



This preview shows how black text looks on a background with the Hex color 19F75D.

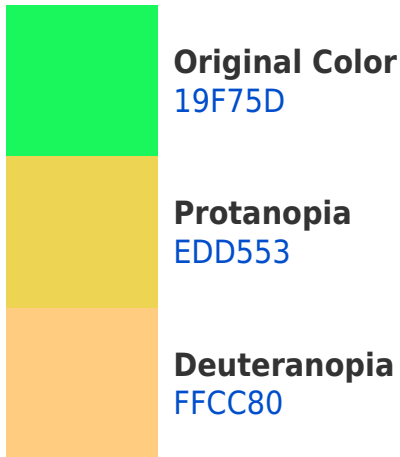


This preview shows how white text looks on a background with the Hex color 19F75D.

# 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**  
65E7FA

# Trichromacy



**Original Color**  
19F75D



**Protanomaly**  
A0E157



**Deuteranomaly**  
ABDC73



**Tritanomaly**  
49EDC1

# Monochromacy



**Original Color**  
19F75D



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
71C28A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19F75D 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 #19F75D looks like.

```
.text, #text, p{  
    color:#19F75D  
}
```

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 #19F75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19F75D
}
```

## Border

The CSS property to change the border of an element to Hex 19F75D 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
#19F75D }
```

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

```
.border{ border-color:#19F75D }
```

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

Here you see how a box with a 4 pixel #19F75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19F75D; -webkit-box-shadow:4px 4px  
4px 4px #19F75D; box-shadow:4px 4px 4px  
4px #19F75D }
```

# Background

The CSS property to change the background color of an element to Hex 19F75D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19F75D }
```

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

```
.background{ background-color:#19F75D }
```

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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