

# Converting Colors

Hex(1FB473)

Have a look what the booklet for  
Hex(1FB473) contains.

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# Color

Hex(1FB473)

# Conversions

## Conversions Part 1

Format	Color
Hex	1FB473
RGB	31, 180, 115
RGB Percent	12%, 71%, 45%
CMY	0.8784, 0.2941, 0.5490
CMYK	0.83, 0.00, 0.36, 0.29
HSL	154°, 71%, 41%
HSV	154°, 83%, 71%
XYZ	19.9808, 34.1716, 21.7623
YIQ	128.0390, -67.9390, -51.8030

# Conversions

## Conversions Part 2

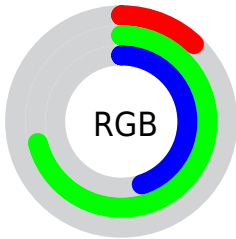
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 126, 180
Decimal	2077811
CIELab	65.10, -52.26, 22.89
CIELCh	65, 57.056, 156.348
Yxy	34.1716, 0.2632, 0.4501
Android (android.graphics.Color)	4280267891 (0xFF1FB473)
YUV	128.0390, -6.4282, -85.1032
Hunter-Lab	58.4565, -41.2863, 18.8469

# Details

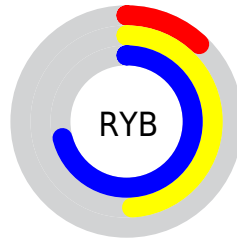
The Hex color **1FB473** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B41F60**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **67EDA7**, and **007E42** is the 20% darker color. If you saturate the color by 10%, you get **0DB46B**, and if you desaturate by 10%, it is **31B47B**.

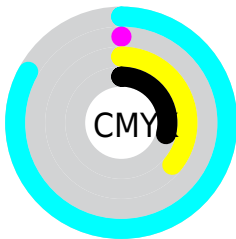
# Distribution



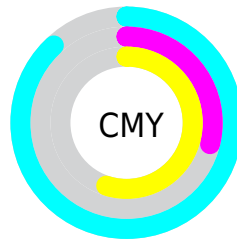
- Red (12%)
- Green (71%)
- Blue (45%)



- Red (12%)
- Yellow (49%)
- Blue (71%)



- Cyan (83%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (88%)
- Magenta (29%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FB473 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 1FB473 by changing the saturation by 10% instead.



 1FB473

 1FB473

FFFFFF

 00995A

 67EDA7

 007E42

 86FFC3

 00642B

 A3FFDF

 004B15

 C1FFFB

 003300

 DFFFFFF

 001A00


FEFFFF

 000000

 1FB473

 1FB473

 0DB46B

 31B47B

 00B465

 43B483

 55B48B

 67B492

 79B49A

 8BB4A2

 9DB4AA

 AFB4B2

 C1B4BA

# Harmonies

## Analogous

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



7AAC47



1FB473



00B7A8

# Triad

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



1FB473



4BA0FF



F67964

# Complementary

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



1FB473



B41F60

# 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.



FB6F95



1FB473



AF8CF1

# Square

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



1FB473



00AEFB



E578C8



DA8C3E

# Rectangle

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



1FB473



00B6CA



E578C8



FA7474



# Sweetspot

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



1FB473



B0EBD1



62B41F



527566



F5F5F5



757575



# Same Dimension

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



1FB473



02EB85



1FADB4



505955



009956



001A0E



# Inverse Universe

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



B41F60



EB0268



B4261F



595054



990043



1A000B



# Previews

## White Background



This preview shows how the Hex color 1FB473 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 1FB473 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 1FB473 Background



This preview shows how black text looks on a background with the Hex color 1FB473.

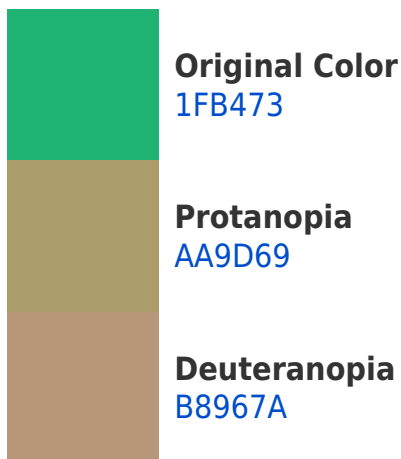


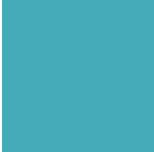
This preview shows how white text looks on a background with the Hex color 1FB473.

# 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](#).

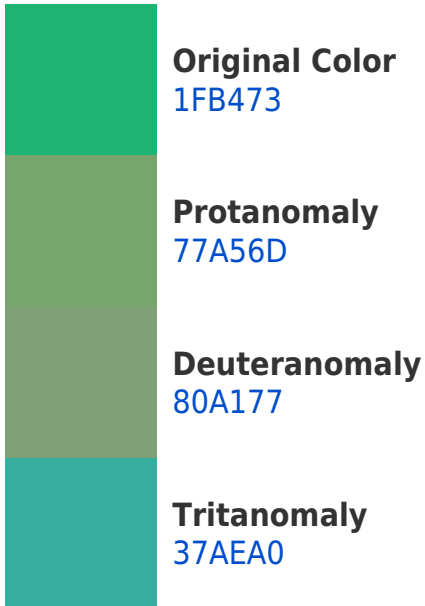
## Dichromacy





**Tritanopia**  
45ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FB473 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 #1FB473 looks like.

```
.text, #text, p{  
    color:#1FB473  
}
```

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 #1FB473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB473
}
```

## Border

The CSS property to change the border of an element to Hex 1FB473 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
#1FB473 }
```

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

```
.border{ border-color:#1FB473 }
```

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

Here you see how a box with a 4 pixel #1FB473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB473; -webkit-box-shadow:4px 4px  
4px 4px #1FB473; box-shadow:4px 4px 4px  
4px #1FB473 }
```

# Background

The CSS property to change the background color of an element to Hex 1FB473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB473 }
```

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

```
.background{ background-color:#1FB473 }
```

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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