

Converting Colors

Hex(1FA168)

Have a look what the booklet for
Hex(1FA168) contains.

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Color

Hex(1FA168)

Conversions

Conversions Part 1

Format	Color
Hex	1FA168
RGB	31, 161, 104
RGB Percent	12%, 63%, 41%
CMY	0.8784, 0.3686, 0.5922
CMYK	0.81, 0.00, 0.35, 0.37
HSL	154°, 68%, 38%
HSV	154°, 81%, 63%
XYZ	15.8086, 26.7805, 17.4327
YIQ	115.6320, -59.1830, -45.2870

Conversions

Conversions Part 2

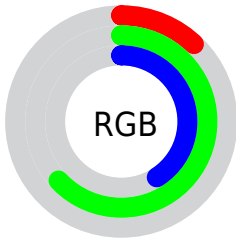
Format	Color
RYB	31, 114, 161
Decimal	2072936
CIELab	58.77, -47.32, 20.31
CIElCh	59, 51.492, 156.764
Yxy	26.7805, 0.2634, 0.4462
Android (android.graphics.Color)	4280263016 (0xFF1FA168)
YUV	115.6320, -5.7346, -74.2223
Hunter-Lab	51.7499, -36.0339, 16.2523

Details

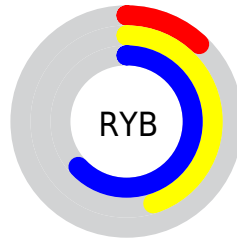
The Hex color **1FA168** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A11F58**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **63D99C**, and **006C38** is the 20% darker color. If you saturate the color by 10%, you get **0FA161**, and if you desaturate by 10%, it is **2FA16F**.

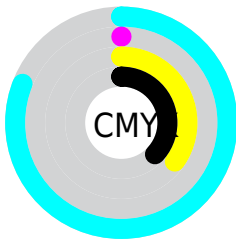
Distribution



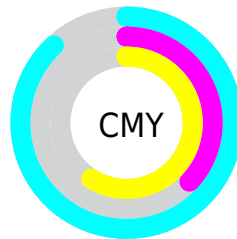
- Red (12%)
- Green (63%)
- Blue (41%)



- Red (12%)
- Yellow (45%)
- Blue (63%)



- Cyan (81%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)



- Cyan (88%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FA168 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 1FA168 by changing the saturation by 10% instead.

 1FA168

 1FA168

FFFFFF

 008650

 63D99C

 006C38

 80F6B6

 005322

 9DFFD2

 003A0D

 BAFFEF

 002500

 D8FFFF

 000000

 F6FFFF

 1FA168

 1FA168

 0FA161

 2FA16F

■ 00A15A

■ 3FA176

■ 4FA17D

■ 5FA184

■ 70A18B

■ 80A192

■ 90A199

■ A0A1A0

■ B0A1A8

Harmonies

Analogous

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



6D9A41



1FA168



00A497

Triad

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



1FA168



488FE7



DB6D5A

Complementary

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



1FA168



A11F58

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.



E06585



1FA168



9D7DD6

Square

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



1FA168



009CE0



CC6CB2



C27E39

Rectangle

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



1FA168



00A3B5



CC6CB2



DF6967

Sweetspot

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



1FA168



9FD1BB



59A11F



4A695B



E8E8E8



696969

Same Dimension

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



1FA168



06D178



1F9BA1



49524E



009152



00120A

Inverse Universe

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



A11F58



D1065F



A1261F



52494D



910040



120008

Previews

White Background



This preview shows how the Hex color 1FA168 looks on a white background.

Color Contrast Check

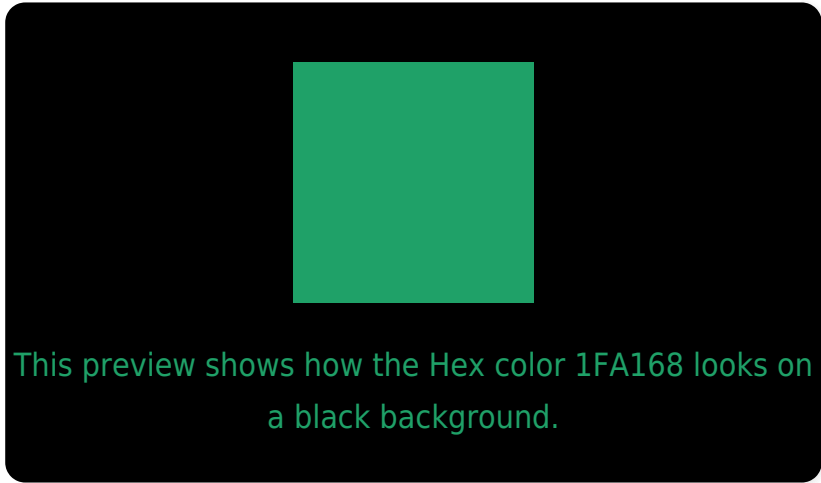
Large Text (above 18pt) WCAG AA ✓ Pass

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

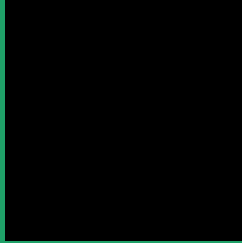
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1FA168 Background



This preview shows how black text looks on a background with the Hex color 1FA168.

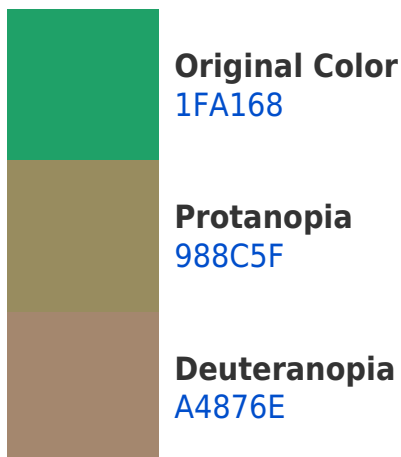


This preview shows how white text looks on a background with the Hex color 1FA168.

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
3F99A6

Trichromacy



Original Color
1FA168



Protanomaly
6C9462



Deuteranomaly
74906C



Tritanomaly
339C8F

Monochromacy



Original Color
1FA168



Achromatopsia
747474



Achromatomaly
558470

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FA168 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 #1FA168 looks like.

```
.text, #text, p{  
    color:#1FA168  
}
```

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 #1FA168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FA168  
}
```

Border

The CSS property to change the border of an element to Hex 1FA168 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  
#1FA168 }
```

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

```
.border{ border-color:#1FA168 }
```

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

Here you see how a box with a 4 pixel #1FA168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FA168; -webkit-box-shadow:4px 4px  
4px 4px #1FA168; box-shadow:4px 4px 4px  
4px #1FA168 }
```

Background

The CSS property to change the background color of an element to Hex 1FA168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FA168 }
```

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

```
.background{ background-color:#1FA168 }
```

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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