

# Converting Colors

Hex(1F9454)

Have a look what the booklet for  
Hex(1F9454) contains.

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# Color

Hex(1F9454)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F9454
RGB	31, 148, 84
RGB Percent	12%, 58%, 33%
CMY	0.8784, 0.4196, 0.6706
CMYK	0.79, 0.00, 0.43, 0.42
HSL	147°, 65%, 35%
HSV	147°, 79%, 58%
XYZ	12.7552, 22.1112, 11.9831
YIQ	105.7210, -49.1880, -44.7080

# Conversions

## Conversions Part 2

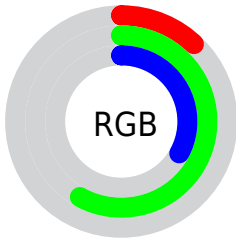
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 112, 148
Decimal	2069588
CIE <sub>Lab</sub>	54.14, -46.36, 25.09
CIE <sub>LCh</sub>	54, 52.716, 151.573
Yxy	22.1112, 0.2723, 0.4720
Android (android.graphics.Color)	4280259668 (0xFF1F9454)
YUV	105.7210, -10.7085, -65.5303
Hunter-Lab	47.0226, -33.8700, 17.8065

# Details

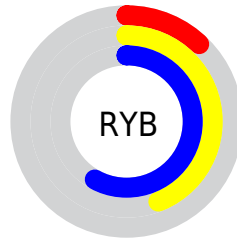
The Hex color **1F9454** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **941F5F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60CB86**, and **006025** is the 20% darker color. If you saturate the color by 10%, you get **10944C**, and if you desaturate by 10%, it is **2E945C**.

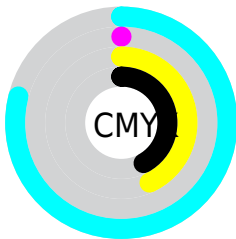
# Distribution



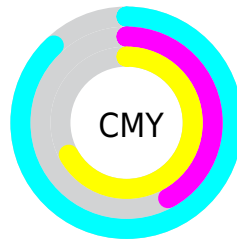
- Red (12%)
- Green (58%)
- Blue (33%)



- Red (12%)
- Yellow (44%)
- Blue (58%)



- Cyan (79%)
- Magenta (0%)
- Yellow (43%)
- Black (42%)



- Cyan (88%)
- Magenta (42%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F9454 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 1F9454 by changing the saturation by 10% instead.





1F9454



1F9454

FFFFFF



007A3C



60CB86



006025



7CE8A1



00470F



99FFBC



003000



B6FFD8



001700



D3FFF4



000000



F0FFFF



1F9454



1F9454



10944C



2E945C

019444

3D9464

009443

4B946C

5A9474

69947C

789485

87948D

959495

A4949D

# Harmonies

## Analogous

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



698D2E



1F9454



009783

# Triad

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



1F9454



0086DD



D15E54

# Complementary

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



1F9454



941F5F

# 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.



D25781



1F9454



8574CF

# Square

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



1F9454



0091D1



BA61AE



BB6F30

# Rectangle

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



1F9454



0097A2



BA61AE



D45A63



# Sweetspot

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



1F9454



91BFA6



5F941F



456152



E0E0E0



616161



# Same Dimension

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



1F9454



0ABF5C



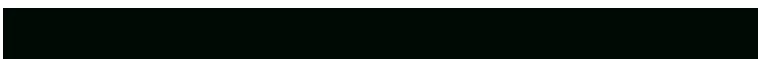
1F948E



434A46



008A3E



000A05



# Inverse Universe

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



941F5F



BF0A6D



941F25



4A4347



8A004B



0A0006



# Previews

## White Background



This preview shows how the Hex color 1F9454 looks on a white background.

## Color Contrast Check

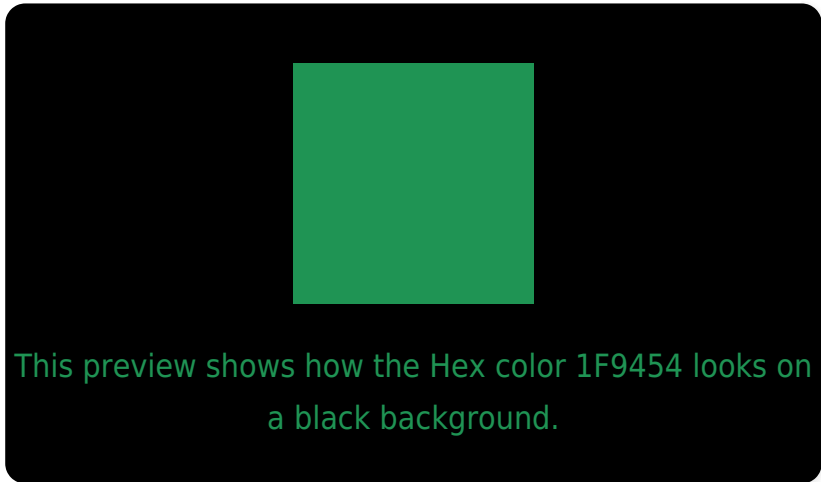
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F9454 Background



This preview shows how black text looks on a background with the Hex color 1F9454.



This preview shows how white text looks on a background with the Hex color 1F9454.

# 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



**Original Color**  
1F9454

**Protanopia**  
8D814D

**Deuteranopia**  
997B5A



**Tritanopia**  
3D8C98

# Trichromacy



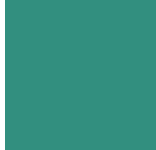
**Original Color**  
1F9454



**Protanomaly**  
658850



**Deuteranomaly**  
6D8458



**Tritanomaly**  
328F7F

# Monochromacy



**Original Color**  
1F9454



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
4F7962

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F9454 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 #1F9454 looks like.

```
.text, #text, p{  
    color:#1F9454  
}
```

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 #1F9454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F9454
}
```

## Border

The CSS property to change the border of an element to Hex 1F9454 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
#1F9454 }
```

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

```
.border{ border-color:#1F9454 }
```

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

Here you see how a box with a 4 pixel #1F9454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F9454; -webkit-box-shadow:4px 4px  
4px 4px #1F9454; box-shadow:4px 4px 4px  
4px #1F9454 }
```

# Background

The CSS property to change the background color of an element to Hex 1F9454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F9454 }
```

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

```
.background{ background-color:#1F9454 }
```

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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