

# Converting Colors

Hex(1F9055)

Have a look what the booklet for  
Hex(1F9055) contains.

<b>Hex(1F9055)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1F9055)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F9055
RGB	31, 144, 85
RGB Percent	12%, 56%, 33%
CMY	0.8784, 0.4353, 0.6667
CMYK	0.78, 0.00, 0.41, 0.44
HSL	149°, 65%, 34%
HSV	149°, 78%, 56%
XYZ	12.1780, 20.8937, 11.9854
YIQ	103.4870, -48.4090, -42.3050

# Conversions

## Conversions Part 2

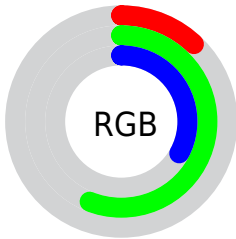
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 107, 144
Decimal	2068565
CIE <sub>Lab</sub>	52.83, -44.63, 22.83
CIE <sub>LCh</sub>	53, 50.126, 152.910
Yxy	20.8937, 0.2703, 0.4637
Android (android.graphics.Color)	4280258645 (0xFF1F9055)
YUV	103.4870, -9.1141, -63.5711
Hunter-Lab	45.7096, -32.4356, 16.4505

# Details

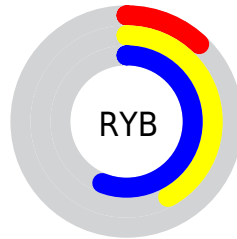
The Hex color **1F9055** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **901F5A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5FC787**, and **005C27** is the 20% darker color. If you saturate the color by 10%, you get **11904D**, and if you desaturate by 10%, it is **2D905D**.

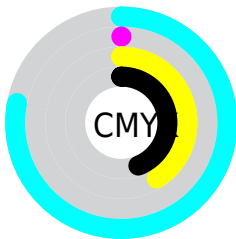
# Distribution



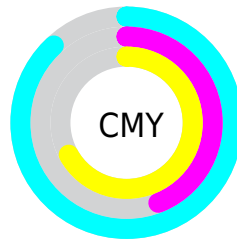
- Red (12%)
- Green (56%)
- Blue (33%)



- Red (12%)
- Yellow (42%)
- Blue (56%)



- Cyan (78%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)



- Cyan (88%)
- Magenta (44%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F9055 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 1F9055 by changing the saturation by 10% instead.



 1F9055

 1F9055

FFFFFF

 00763D

 5FC787

 005C27

 7BE3A2

 004411

 97FFBD

 002D00

 B4FFD9

 001200


 D1FFF5

 000000

 EFFFFFF

 1F9055

 1F9055

 11904D

 2D905D

■ 029046

■ 3C9064

■ 009045

■ 4A906C

■ 599073

■ 67907B

■ 759082

■ 84908A

■ 929091

■ A19099

# Harmonies

## Analogous

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



658931



1F9055



009381

# Triad

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



1F9055



1E82D4



C95D52

# Complementary

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



1F9055



901F5A

# 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.



CB567C



1F9055



8571C7

# Square

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



1F9055



008DCA



B65FA6



B46D30

# Rectangle

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



1F9055



00939E



B65FA6



CC595F



# Sweetspot

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



1F9055



8DBAA3



5B901F



435E50



DEDEDE



5E5E5E



# Same Dimension

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



1F9055



0BBA5F



1F908C



404744



008741



000804



# Inverse Universe

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



901F5A



BA0B67



901F23



474044



870047



080004



# Previews

## White Background



This preview shows how the Hex color 1F9055 looks on a white background.

## Color Contrast Check

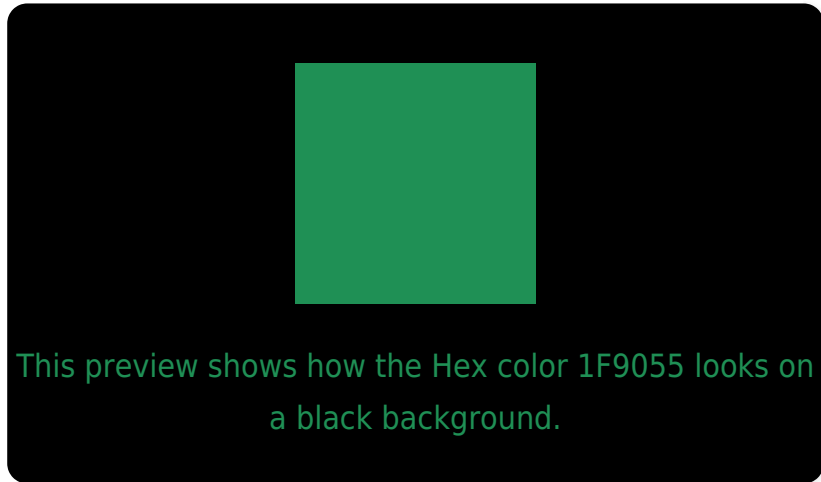
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F9055 Background



This preview shows how black text looks on a background with the Hex color 1F9055.



This preview shows how white text looks on a background with the Hex color 1F9055.

# 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**  
1F9055

**Protanopia**  
897D4E

**Deuteranopia**  
95785B



**Tritanopia**  
3B8994

# Trichromacy



**Original Color**  
1F9055



**Protanomaly**  
628451



**Deuteranomaly**  
6A8159



**Tritanomaly**  
318C7D

# Monochromacy



**Original Color**  
1F9055



**Achromatopsia**  
676767



**Achromatomaly**  
4D7660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F9055 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 #1F9055 looks like.

```
.text, #text, p{  
    color:#1F9055  
}
```

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 #1F9055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F9055
}
```

## Border

The CSS property to change the border of an element to Hex 1F9055 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
#1F9055 }
```

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

```
.border{ border-color:#1F9055 }
```

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

Here you see how a box with a 4 pixel #1F9055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F9055; -webkit-box-shadow:4px 4px  
4px 4px #1F9055; box-shadow:4px 4px 4px  
4px #1F9055 }
```

# Background

The CSS property to change the background color of an element to Hex 1F9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F9055 }
```

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

```
.background{ background-color:#1F9055 }
```

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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