

Converting Colors

Hex(1F964C)

Have a look what the booklet for
Hex(1F964C) contains.

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Color

Hex(1F964C)

Conversions

Conversions Part 1

Format	Color
Hex	1F964C
RGB	31, 150, 76
RGB Percent	12%, 59%, 30%
CMY	0.8784, 0.4118, 0.7020
CMYK	0.79, 0.00, 0.49, 0.41
HSL	143°, 66%, 35%
HSV	143°, 79%, 59%
XYZ	12.7759, 22.6258, 10.5313
YIQ	105.9830, -47.1700, -48.2420

Conversions

Conversions Part 2

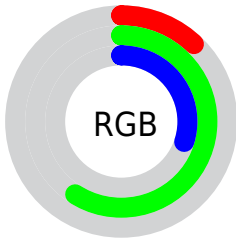
Format	Color
R_{YB}	31, 117, 150
Decimal	2070092
CIE _{Lab}	54.68, -48.55, 30.06
CIE _{LCh}	55, 57.104, 148.232
Yxy	22.6258, 0.2781, 0.4926
Android (android.graphics.Color)	4280260172 (0xFF1F964C)
YUV	105.9830, -14.7816, -65.7601
Hunter-Lab	47.5666, -35.2981, 20.1697

Details

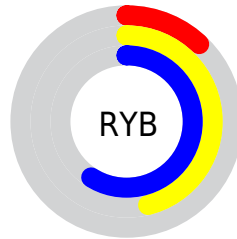
The Hex color **1F964C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **961F69**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60CD7E**, and **00621D** is the 20% darker color. If you saturate the color by 10%, you get **109643**, and if you desaturate by 10%, it is **2E9655**.

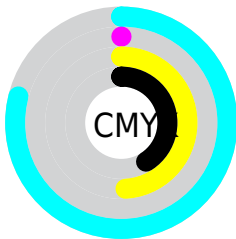
Distribution



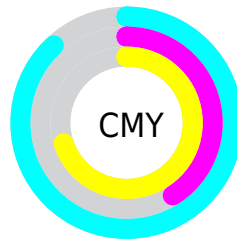
- Red (12%)
- Green (59%)
- Blue (30%)



- Red (12%)
- Yellow (46%)
- Blue (59%)



- Cyan (79%)
- Magenta (0%)
- Yellow (49%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F964C 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 1F964C by changing the saturation by 10% instead.

 1F964C

 1F964C

FFFFFF

 007B34

 60CD7E

 00621D

 7DEA98

 004904

 9AFFB4

 003100

 B7FFCF

 001900

 D4FFEC

 000000

 F2FFFF

 1F964C

 1F964C

 109643

 2E9655

■ 019639

■ 3D965F

■ 009639

■ 4C9668

■ 5B9671

■ 6A967B

■ 799684

■ 88968D

■ 979697

■ A696A0

Harmonies

Analogous

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



6E8E22



1F964C



009A7E

Triad

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



1F964C



0089E6



D95957

Complementary

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



1F964C



961F69

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.



D95388



1F964C



7D77DA

Square

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



1F964C



0095D6



BC61B8



C46C2D

Rectangle

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



1F964C



009AA0



BC61B8



DC5567

Sweetspot

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



1F964C



93C2A5



6A961F



45614F



E0E0E0



616161

Same Dimension

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



1F964C



0AC24F



1F9686



434A45



008A34



000A04

Inverse Universe

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



961F69



C20A7C



961F2F



4A4347



8A0056



0A0006

Previews

White Background



This preview shows how the Hex color 1F964C looks on a white background.

Color Contrast Check

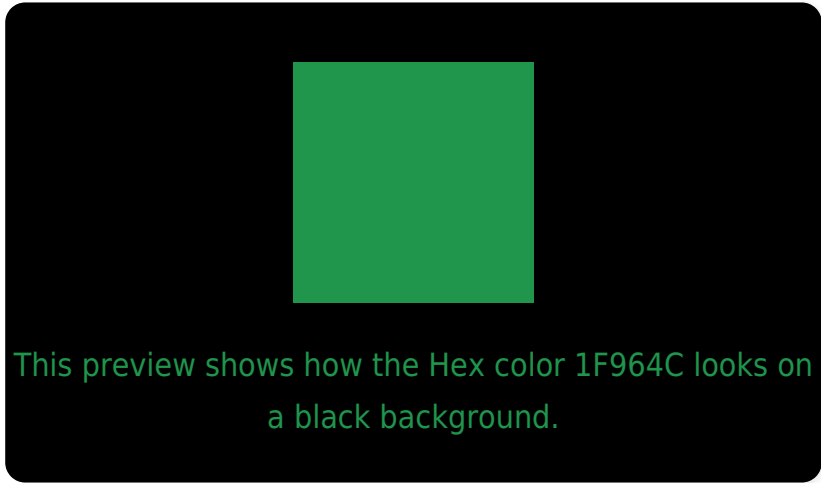
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F964C Background



This preview shows how black text looks on a background with the Hex color 1F964C.



This preview shows how white text looks on a background with the Hex color 1F964C.

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



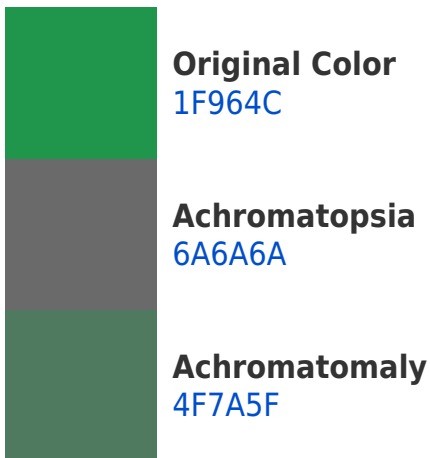


Tritanopia
408D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F964C 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 #1F964C looks like.

```
.text, #text, p{  
    color:#1F964C  
}
```

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 #1F964C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F964C
}
```

Border

The CSS property to change the border of an element to Hex 1F964C 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
#1F964C }
```

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

```
.border{ border-color:#1F964C }
```

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

Here you see how a box with a 4 pixel #1F964C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F964C; -webkit-box-shadow:4px 4px  
4px 4px #1F964C; box-shadow:4px 4px 4px  
4px #1F964C }
```

Background

The CSS property to change the background color of an element to Hex 1F964C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F964C }
```

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

```
.background{ background-color:#1F964C }
```

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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