

# Converting Colors

Hex(1F551C)

Have a look what the booklet for  
Hex(1F551C) contains.

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# Color

Hex(1F551C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F551C
RGB	31, 85, 28
RGB Percent	12%, 33%, 11%
CMY	0.8784, 0.6667, 0.8902
CMYK	0.64, 0.00, 0.67, 0.67
HSL	117°, 50%, 22%
HSV	117°, 67%, 33%
XYZ	4.0232, 6.8721, 2.2130
YIQ	62.3560, -13.8870, -29.1750

# Conversions

## Conversions Part 2

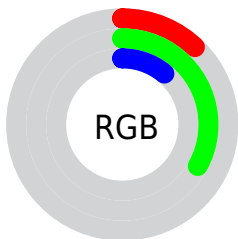
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 85, 82
Decimal	2053404
CIE Lab	31.51, -30.55, 27.34
CIE LCh	32, 40.997, 138.173
Yxy	6.8721, 0.3069, 0.5243
Android (android.graphics.Color)	4280243484 (0xFF1F551C)
YUV	62.3560, -16.9375, -27.4992
Hunter-Lab	26.2148, -18.4815, 13.3451

# Details

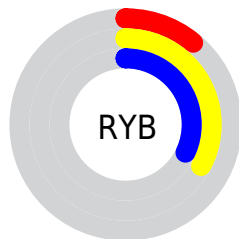
The Hex color **1F551C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **521C55**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **52874A**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **175514**, and if you desaturate by 10%, it is **275525**.

# Distribution



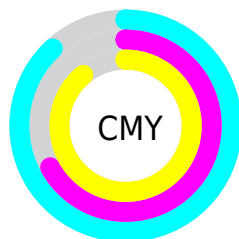
- Red (12%)
- Green (33%)
- Blue (11%)



- Red (11%)
- Yellow (33%)
- Blue (32%)



- Cyan (64%)
- Magenta (0%)
- Yellow (67%)
- Black (67%)



- Cyan (88%)
- Magenta (67%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F551C 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 1F551C by changing the saturation by 10% instead.



 1F551C

 1F551C

FFFFFF

 013D04


 52874A

 002700

 6CA263

 000A00

 86BD7C

 000000

 A1D996

 BDF6B1

 D9FFCD

 F6FFE9

 1F551C

 1F551C

■ 175514

■ 275525

■ 0F550B

■ 2F552D

■ 075503

■ 375535

■ 045500

■ 3F553E

■ 475547

■ 4F554F

■ 575557

■ 5F5560

■ 675568

# Harmonies

## Analogous

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



474F01



1F551C



00583C

# Triad

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



1F551C



005289



832B38

# Complementary

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



1F551C



521C55

# 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.



7D2C58



1F551C



2F4788

# Square

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



1F551C



00577A



643975



7A361B

# Rectangle

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



1F551C



005952



643975



832943



# Sweetspot

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



1F551C



596E58



55511C



2B382B



B8B8B8



383838



# Same Dimension

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



1F551C



1B6E16



1C5535



272B27



066B00



0CEB00



# Inverse Universe

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



521C55



69166E



551C3C



2B272B



65006B

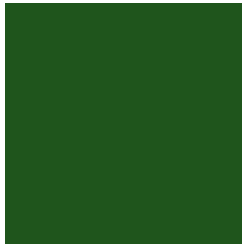


DE00EB



# Previews

## White Background



This preview shows how the Hex color 1F551C looks on a white background.

## Color Contrast Check

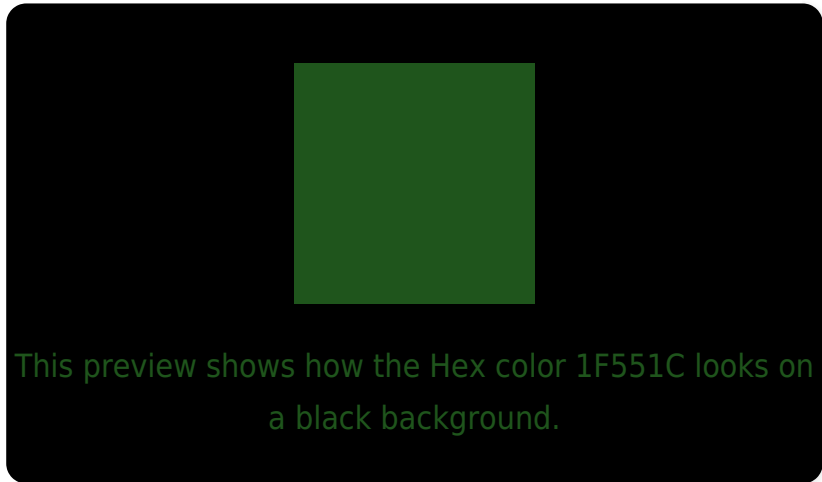
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

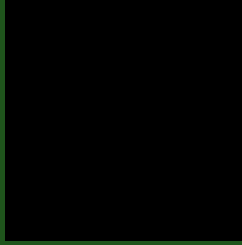
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F551C Background



This preview shows how black text looks on a background with the Hex color 1F551C.



This preview shows how white text looks on a background with the Hex color 1F551C.

# 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**  
1F551C

**Protanopia**  
534A19

**Deuteranopia**  
5C4621



**Tritanopia**  
2D4F56

# Trichromacy



**Original Color**  
1F551C

**Protanomaly**  
404E1A

**Deuteranomaly**  
464B1F

**Tritanomaly**  
285141

# Monochromacy



**Original Color**  
1F551C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
334632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F551C 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 #1F551C looks like.

```
.text, #text, p{  
    color:#1F551C  
}
```

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 #1F551C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F551C
}
```

## Border

The CSS property to change the border of an element to Hex 1F551C 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
#1F551C }
```

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

```
.border{ border-color:#1F551C }
```

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

Here you see how a box with a 4 pixel #1F551C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F551C; -webkit-box-shadow:4px 4px  
4px 4px #1F551C; box-shadow:4px 4px 4px  
4px #1F551C }
```

# Background

The CSS property to change the background color of an element to Hex 1F551C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F551C }
```

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

```
.background{ background-color:#1F551C }
```

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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