

# Converting Colors

Hex(551C19)

Have a look what the booklet for  
Hex(551C19) contains.

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**Color**

**Hex(551C19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	551C19
RGB	85, 28, 25
RGB Percent	33%, 11%, 10%
CMY	0.6667, 0.8902, 0.9020
CMYK	0.00, 0.67, 0.71, 0.67
HSL	3°, 55%, 22%
HSV	3°, 71%, 33%
XYZ	4.3370, 2.8320, 1.2377
YIQ	44.7010, 34.9350, 11.1510

# Conversions

## Conversions Part 2

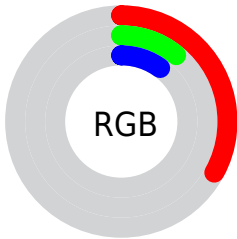
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 28, 25
Decimal	5577753
CIELab	19.36, 26.27, 15.99
CIElCh	19, 30.751, 31.336
Yxy	2.8320, 0.5159, 0.3369
Android (android.graphics.Color)	4283767833 (0xFF551C19)
YUV	44.7010, -9.7126, 35.3422
Hunter-Lab	16.8285, 16.5530, 7.4192

# Details

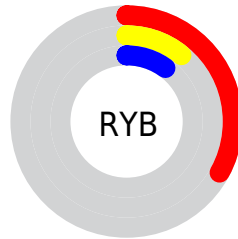
The Hex color **551C19** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **195255**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8B4B44**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **551410**, and if you desaturate by 10%, it is **552421**.

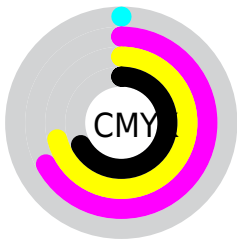
# Distribution



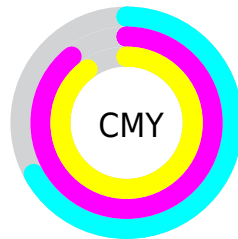
- Red (33%)
- Green (11%)
- Blue (10%)



- Red (33%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (67%)
- Yellow (71%)
- Black (67%)



- Cyan (67%)
- Magenta (89%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 551C19 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 551C19 by changing the saturation by 10% instead.



 551C19

 551C19

FFFFFFC

 3C0400

 8B4B44

 250001

 A6635C

 000000

 C37D74

 E0978E

 FDB2A8

 FFCEC3

 FFEADF

 551C19

 551C19

■ 551410

■ 552421

■ 550C08

■ 552C2A

■ 550400

■ 553432

■ 553C3B

■ 554443

■ 554C4C

■ 555554

■ 555D5D

■ 556565

# Harmonies

## Analogous

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



56182F



551C19



4A2503

# Triad

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



551C19



003818



00315C

# Complementary

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



551C19



195255

# 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.



003756



551C19



00392F

# Square

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



551C19



233402



003946



302855

# Rectangle

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



551C19



402C00



003946



00335B



# Sweetspot

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



551C19



6E5857



551952



382B2A



B8B8B8



383838



# Same Dimension

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



551C19



6E1510



553A19



2B2727



6B0500



EB0C00



# Inverse Universe

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



195255



10696E



193455



272B2B



00666B

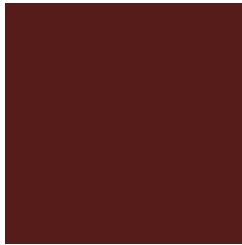


00DFEB



# Previews

## White Background



This preview shows how the Hex color 551C19 looks on a white background.

## Color Contrast Check

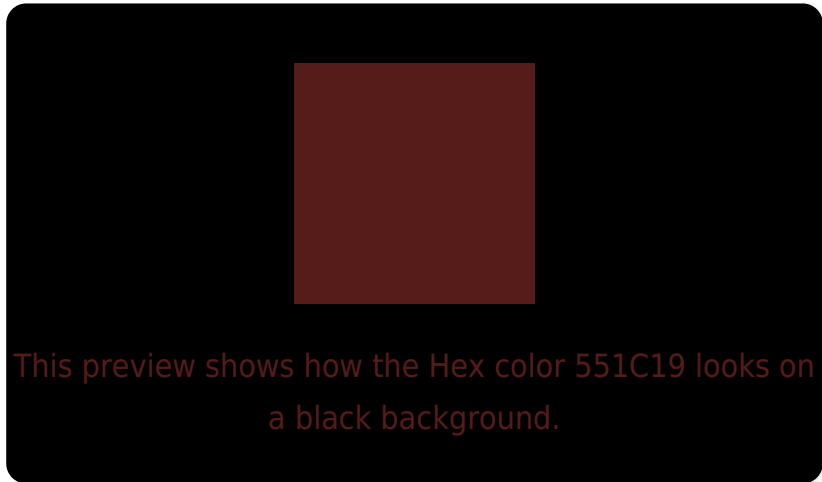
Large Text (above 18pt) WCAG AA ✓ Pass

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 551C19 Background



This preview shows how black text looks on a background with the Hex color 551C19.

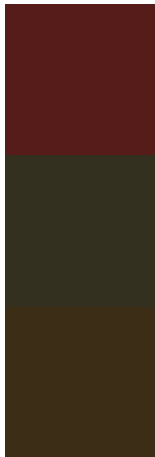


This preview shows how white text looks on a background with the Hex color 551C19.

# 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**  
551C19

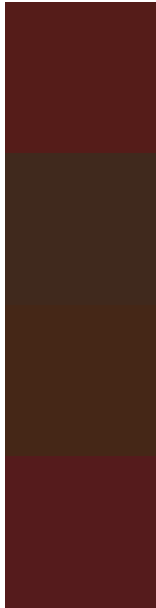
**Protanopia**  
343020

**Deuteranopia**  
3C2E16



**Tritanopia**  
551B1D

# Trichromacy



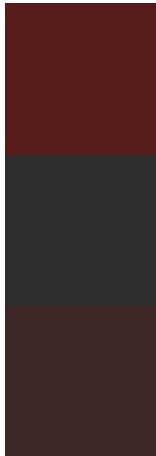
**Original Color**  
551C19

**Protanomaly**  
40291D

**Deuteranomaly**  
452717

**Tritanomaly**  
551B1C

# Monochromacy



**Original Color**  
551C19

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
3C2726

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 551C19 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 #551C19 looks like.

```
.text, #text, p{  
    color:#551C19  
}
```

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 #551C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551C19  
}
```

## Border

The CSS property to change the border of an element to Hex 551C19 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  
#551C19 }
```

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

```
.border{ border-color:#551C19 }
```

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

Here you see how a box with a 4 pixel #551C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551C19; -webkit-box-shadow:4px 4px  
4px 4px #551C19; box-shadow:4px 4px 4px  
4px #551C19 }
```

# Background

The CSS property to change the background color of an element to Hex 551C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551C19 }
```

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

```
.background{ background-color:#551C19 }
```

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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