

# Converting Colors

Hex(551E39)

Have a look what the booklet for  
Hex(551E39) contains.

<b>Hex(551E39)</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(551E39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	551E39
RGB	85, 30, 57
RGB Percent	33%, 12%, 22%
CMY	0.6667, 0.8824, 0.7765
CMYK	0.00, 0.65, 0.33, 0.67
HSL	331°, 48%, 23%
HSV	331°, 65%, 33%
XYZ	4.9491, 3.1552, 4.2191
YIQ	49.5230, 24.1130, 20.0570

# Conversions

## Conversions Part 2

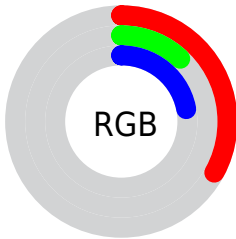
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 30, 57
Decimal	5578297
CIE Lab	20.66, 28.71, -4.48
CIE LCh	21, 29.060, 351.133
Yxy	3.1552, 0.4016, 0.2560
Android (android.graphics.Color)	4283768377 (0xFF551E39)
YUV	49.5230, 3.6862, 31.1133
Hunter-Lab	17.7630, 18.6481, -1.6484

# Details

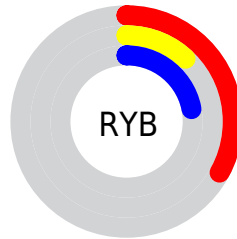
The Hex color **551E39** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E553A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **894D68**, and **29000E** is the 20% darker color. If you saturate the color by 10%, you get **551535**, and if you desaturate by 10%, it is **55273D**.

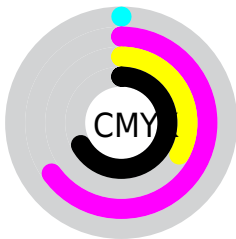
# Distribution



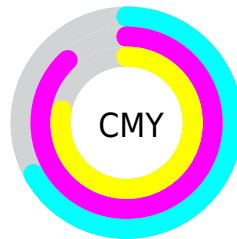
- Red (33%)
- Green (12%)
- Blue (22%)



- Red (33%)
- Yellow (12%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (33%)
- Black (67%)



- Cyan (67%)
- Magenta (88%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 551E39 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 551E39 by changing the saturation by 10% instead.



 551E39

 551E39

FFFFFF

 3C0524

 894D68

 29000E

 A46681

 000000

 C0809B

 DC9AB6

 F9B5D1

 FFD1EE

 FFEDFF

 551E39

 551E39

■ 551535

■ 55273D

■ 550D30

■ 552F42

■ 55052C

■ 553746

■ 55002A

■ 55404A

■ 55494F

■ 555153

■ 555957

■ 55625C

■ 556A60

# Harmonies

## Analogous

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



45254D



551E39



581E24

# Triad

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



551E39



2E3504



003A53

# Complementary

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



551E39



1E553A

# 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.



003C40



551E39



133915

# Square

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



551E39



422E02



003B2A



00365C

# Rectangle

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



551E39



542317



003B2A



003B4D



# Sweetspot

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



551E39



6E5963



391E55



382B32



B8B8B8



383838



# Same Dimension

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



551E39



6E1842



551E1E



2B2729



6B0035



EB0073



# Inverse Universe

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



551E39



6E1842



1E5555



2B2729



6B0035

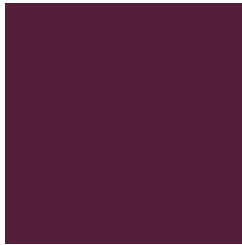


EB0073



# Previews

## White Background



This preview shows how the Hex color 551E39 looks on a white background.

## Color Contrast Check

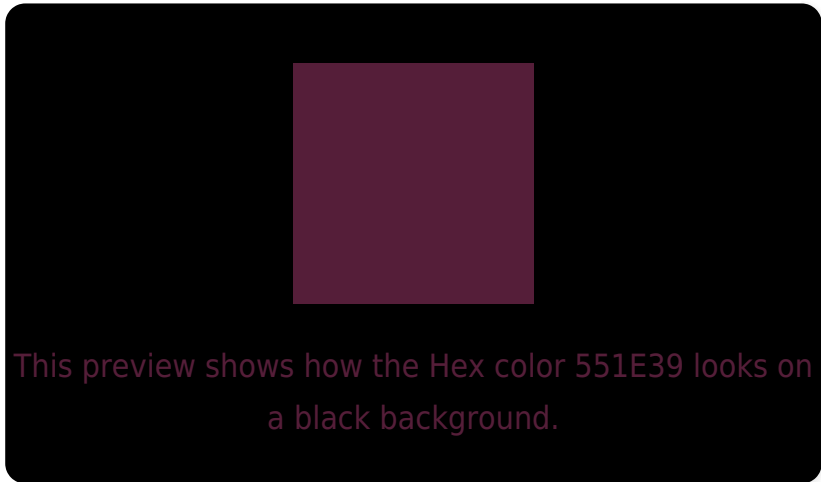
Large Text (above 18pt) WCAG AA ✓ Pass

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

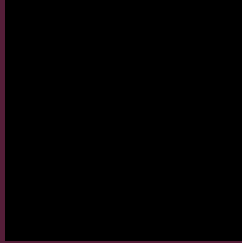
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 551E39 Background



This preview shows how black text looks on a background with the Hex color 551E39.



This preview shows how white text looks on a background with the Hex color 551E39.

# 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**  
551E39

**Protanopia**  
2D3247

**Deuteranopia**  
363136



# Trichromacy



**Original Color**  
551E39

**Protanomaly**  
3C2B42

**Deuteranomaly**  
412A37

**Tritanomaly**  
54212C

# Monochromacy



**Original Color**  
551E39

**Achromatopsia**  
323232

**Achromatomaly**  
3F2B35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 551E39 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 #551E39 looks like.

```
.text, #text, p{  
    color:#551E39  
}
```

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 #551E39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551E39
}
```

## Border

The CSS property to change the border of an element to Hex 551E39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

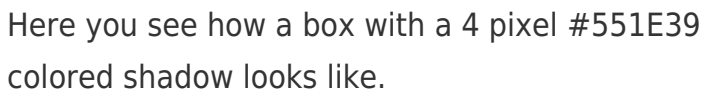
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#551E39 }
```

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

```
.border{ border-color:#551E39 }
```

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



Here you see how a box with a 4 pixel #551E39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551E39; -webkit-box-shadow:4px 4px  
4px 4px #551E39; box-shadow:4px 4px 4px  
4px #551E39 }
```

# Background

The CSS property to change the background color of an element to Hex 551E39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551E39 }
```

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

```
.background{ background-color:#551E39 }
```

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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