

# Converting Colors

Hex(53131A)

Have a look what the booklet for  
Hex(53131A) contains.

<b>Hex(53131A)</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(53131A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53131A
RGB	83, 19, 26
RGB Percent	33%, 7%, 10%
CMY	0.6745, 0.9255, 0.8980
CMYK	0.00, 0.77, 0.69, 0.67
HSL	353°, 63%, 20%
HSV	353°, 77%, 33%
XYZ	3.9866, 2.3793, 1.2264
YIQ	38.9340, 35.8970, 15.7450

# Conversions

## Conversions Part 2

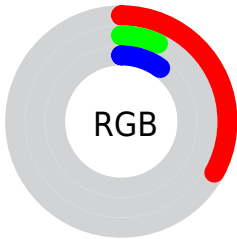
Format	Color
<a href="#">RYB</a>	<a href="#">83, 19, 26</a>
Decimal	<a href="#">5444378</a>
CIELab	<a href="#">17.36, 29.91, 12.69</a>
CIELCh	<a href="#">17, 32.495, 22.990</a>
Yxy	<a href="#">2.3793, 0.5251, 0.3134</a>
Android (android.graphics.Color)	<a href="#">4283634458</a> (0xFF53131A)
YUV	<a href="#">38.9340, -6.3765, 38.6459</a>
Hunter-Lab	<a href="#">15.4251, 19.1394, 6.0835</a>

# Details

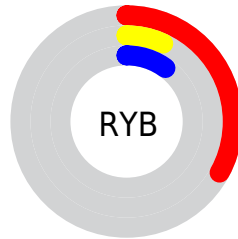
The Hex color **53131A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **13534C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **894345**, and **200001** is the 20% darker color. If you saturate the color by 10%, you get **530B13**, and if you desaturate by 10%, it is **531B21**.

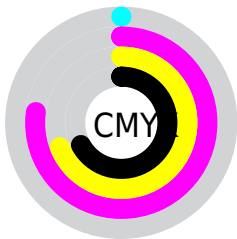
# Distribution



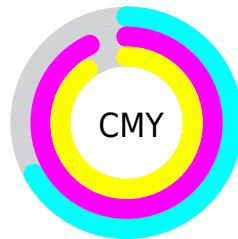
- Red (33%)
- Green (7%)
- Blue (10%)



- Red (33%)
- Yellow (7%)
- Blue (10%)



- Cyan (0%)
- Magenta (77%)
- Yellow (69%)
- Black (67%)



- Cyan (67%)
- Magenta (93%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53131A 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 53131A by changing the saturation by 10% instead.



 53131A

 53131A

FFFFFFD

 3A0000

 894345

 200001

 A55B5C

 000000

 C17575

 DE8F8F

 FBAAA9

 FFC5C4

 FFE2E0

 53131A

 53131A

■ 530B13

■ 531B21

■ 53020B

■ 532429

■ 530009

■ 532C30

■ 533438

■ 533D3F

■ 534546

■ 534D4E

■ 535555

■ 535E5D

# Harmonies

## Analogous

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



511131



53131A



4B1D00

# Triad

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



53131A



00330B



002F59

# Complementary

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



53131A



13534C

# 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.



003450



53131A



003524

# Square

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



53131A



262F00



00353C



1D2756

# Rectangle

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



53131A



412500



00353C



003157



# Sweetspot

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



53131A



6B5255



4C1353



362728



B5B5B5



363636



# Same Dimension

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



53131A



6B0712



532C13



292525



69000B



E80019



# Inverse Universe

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



53131A



6B0712



133A53



292525



69000B

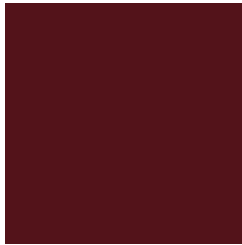


E80019



# Previews

## White Background



This preview shows how the Hex color 53131A 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

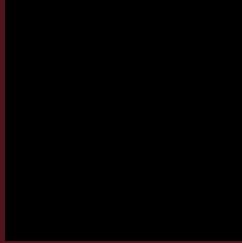
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53131A Background



This preview shows how black text looks on a background with the Hex color 53131A.



This preview shows how white text looks on a background with the Hex color 53131A.

# 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**  
53131A

**Protanopia**  
2F2D24

**Deuteranopia**  
372A16



**Tritanopia**  
531415

# Trichromacy



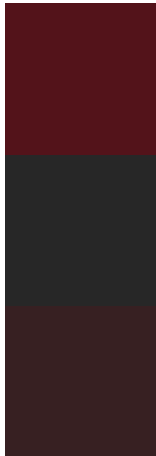
**Original Color**  
53131A

**Protanomaly**  
3C2420

**Deuteranomaly**  
412217

**Tritanomaly**  
531417

# Monochromacy



**Original Color**  
53131A

**Achromatopsia**  
272727

**Achromatomaly**  
372022

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53131A 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 #53131A looks like.

```
.text, #text, p{  
    color:#53131A  
}
```

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 #53131A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53131A
}
```

## Border

The CSS property to change the border of an element to Hex 53131A 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".

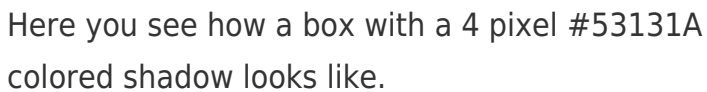
```
.border, #border, table{ border:4px solid
#53131A }
```

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

```
.border{ border-color:#53131A }
```

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

Here you see how a box with a 4 pixel #53131A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53131A; -webkit-box-shadow:4px 4px  
4px 4px #53131A; box-shadow:4px 4px 4px  
4px #53131A }
```

# Background

The CSS property to change the background color of an element to Hex 53131A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53131A }
```

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

```
.background{ background-color:#53131A }
```

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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