

# Converting Colors

Hex(50141A)

Have a look what the booklet for  
Hex(50141A) contains.

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**Color**

**Hex(50141A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50141A
RGB	80, 20, 26
RGB Percent	31%, 8%, 10%
CMY	0.6863, 0.9216, 0.8980
CMYK	0.00, 0.75, 0.68, 0.69
HSL	354°, 60%, 20%
HSV	354°, 75%, 31%
XYZ	3.7449, 2.2804, 1.2201
YIQ	38.6240, 33.8340, 14.5860

# Conversions

## Conversions Part 2

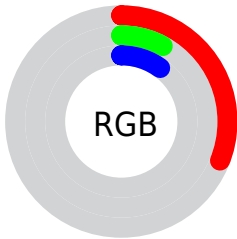
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 20, 26
Decimal	5248026
CIELab	16.89, 28.35, 11.96
CIELCh	17, 30.771, 22.874
Yxy	2.2804, 0.5169, 0.3147
Android (android.graphics.Color)	4283438106 (0xFF50141A)
YUV	38.6240, -6.2236, 36.2868
Hunter-Lab	15.1009, 17.8398, 5.7803

# Details

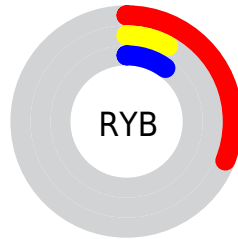
The Hex color **50141A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **14504A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **854345**, and **1C0001** is the 20% darker color. If you saturate the color by 10%, you get **500C13**, and if you desaturate by 10%, it is **501C21**.

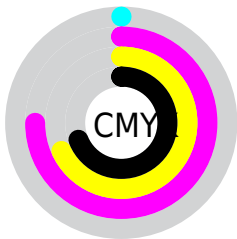
# Distribution



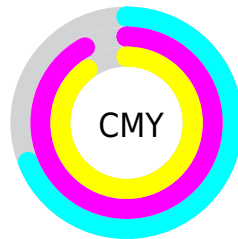
- Red (31%)
- Green (8%)
- Blue (10%)



- Red (31%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (75%)
- Yellow (68%)
- Black (69%)



- Cyan (69%)
- Magenta (92%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50141A 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 50141A by changing the saturation by 10% instead.



 50141A

 50141A

 FFFefd

 370000

 854345

 1C0001

 A15C5C

 000000

 BD7575

 DA8F8F

 F7AA9

 FFC5C4

 FFE2E0

 50141A

 50141A

■ 500C13

■ 501C21

■ 50040C

■ 502428

■ 500008

■ 502C30

■ 503437

■ 503C3E

■ 504445

■ 504C4C

■ 505454

■ 505C5B

# Harmonies

## Analogous

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



4E1330



50141A



481D02

# Triad

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



50141A



03310C



002E56

# Complementary

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



50141A



14504A

# 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.



00324D



50141A



003324

# Square

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



50141A



252D00



00343A



1E2653

# Rectangle

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



50141A



3F2400



00343A



003054



# Sweetspot

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



50141A



695153



4A1450



362728



B5B5B5



363636



# Same Dimension

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



50141A



690A14



502C14



292525



69000A



E80017



# Inverse Universe

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



50141A



690A14



143850



292525



69000A

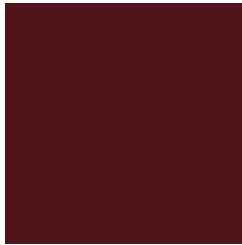


E80017



# Previews

## White Background



This preview shows how the Hex color 50141A looks on a white background.

## Color Contrast Check

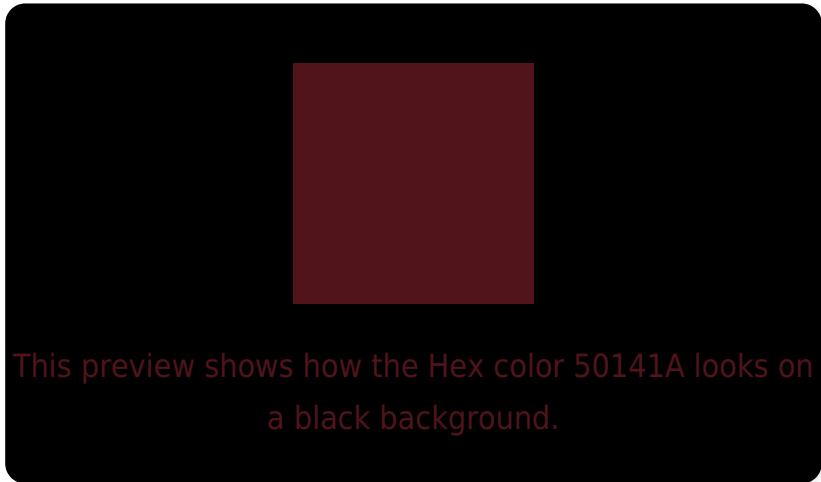
Large Text (above 18pt) WCAG AA ✓ Pass

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 50141A Background



This preview shows how black text looks on a background with the Hex color 50141A.



This preview shows how white text looks on a background with the Hex color 50141A.

# 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**  
50141A

**Protanopia**  
2E2B23

**Deuteranopia**  
352917



**Tritanopia**  
501516

# Trichromacy



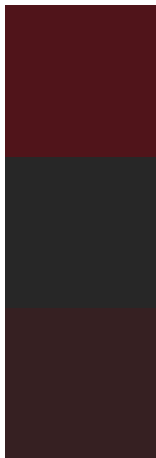
**Original Color**  
50141A

**Protanomaly**  
3A2320

**Deuteranomaly**  
3F2118

**Tritanomaly**  
501517

# Monochromacy



**Original Color**  
50141A

**Achromatopsia**  
272727

**Achromatomaly**  
362022

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50141A 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 #50141A looks like.

```
.text, #text, p{  
    color:#50141A  
}
```

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 #50141A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50141A
}
```

## Border

The CSS property to change the border of an element to Hex 50141A 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".

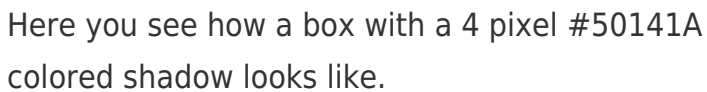
```
.border, #border, table{ border:4px solid
#50141A }
```

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

```
.border{ border-color:#50141A }
```

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

Here you see how a box with a 4 pixel #50141A 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50141A; -webkit-box-shadow:4px 4px  
4px 4px #50141A; box-shadow:4px 4px 4px  
4px #50141A }
```

# Background

The CSS property to change the background color of an element to Hex 50141A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50141A }
```

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

```
.background{ background-color:#50141A }
```

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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