

Converting Colors

Hex(51030A)

Have a look what the booklet for
Hex(51030A) contains.

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Color

Hex(51030A)

Conversions

Conversions Part 1

Format	Color
Hex	51030A
RGB	81, 3, 10
RGB Percent	32%, 1%, 4%
CMY	0.6824, 0.9882, 0.9608
CMYK	0.00, 0.96, 0.88, 0.68
HSL	355°, 93%, 16%
HSV	355°, 96%, 32%
XYZ	3.4807, 1.8364, 0.4582
YIQ	27.1200, 44.2410, 18.7130

Conversions

Conversions Part 2

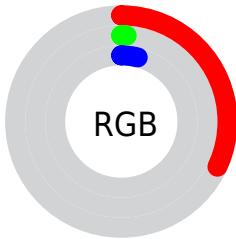
Format	Color
RYB	81, 3, 10
Decimal	5309194
CIELab	14.60, 34.13, 18.63
CIELCh	15, 38.878, 28.626
Yxy	1.8364, 0.6027, 0.3180
Android (android.graphics.Color)	4283499274 (0xFF51030A)
YUV	27.1200, -8.4402, 47.2528
Hunter-Lab	13.5513, 22.1336, 7.4813

Details

The Hex color **51030A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03514A**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **883836**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **510007**, and if you desaturate by 10%, it is **510B11**.

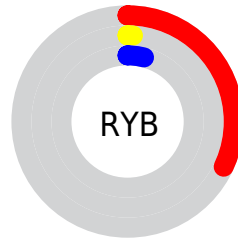
Distribution



Red (32%)

Green (1%)

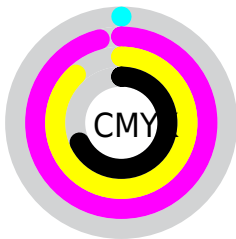
Blue (4%)



Red (32%)

Yellow (1%)

Blue (4%)

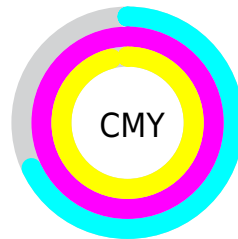


Cyan (0%)

Magenta (96%)

Yellow (88%)

Black (68%)



Cyan (68%)

Magenta (99%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51030A 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 51030A by changing the saturation by 10% instead.

 51030A

 51030A

 FFF3E9

 370000

 883836

 170000

 A4514C

 000000

 C16A64


 DF847D

 FC9F97

 FFBAB2

 FFD6CD

 51030A

 51030A

■ 510007

■ 510B11

■ 511319

■ 511B20

■ 512327

■ 512C2F

■ 513436

■ 513C3E

■ 514445

■ 514C4C

Harmonies

Analogous

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



520027



51030A



441700

Triad

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



51030A



002E01



00295C

Complementary

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



51030A



03514A

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.



002E54



51030A



003023

Square

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



51030A



152B00



00303F



1C1E56

Rectangle

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



51030A



372000



00303F



002B5B

Sweetspot

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



51030A



694A4D



490351



362324



B5B5B5



363636

Same Dimension

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



51030A



690009



512203



292525



E80015

Inverse Universe

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



51030A



690009



033251



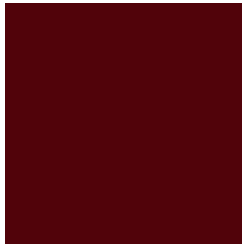
292525



E80015

Previews

White Background



This preview shows how the Hex color 51030A looks on a white background.

Color Contrast Check

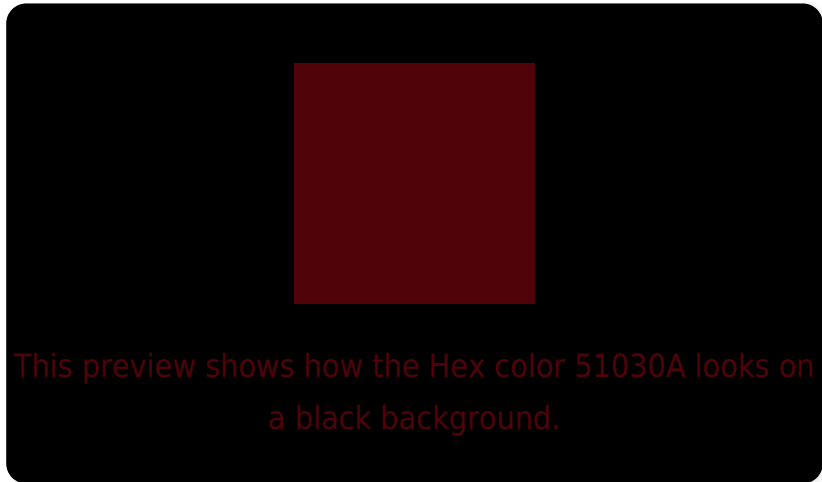
Large Text (above 18pt) WCAG AA ✓ Pass

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

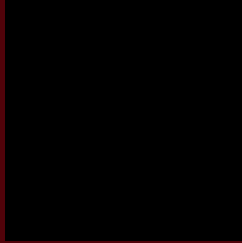
Any Text WCAG AA × Fail

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 51030A Background



This preview shows how black text looks on a background with the Hex color 51030A.



This preview shows how white text looks on a background with the Hex color 51030A.

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
51030A

Protanopia
2E2911

Deuteranopia
342700



Tritanopia
510700

Trichromacy



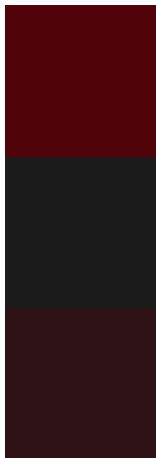
Original Color
51030A

Protanomaly
3B1B0E

Deuteranomaly
3F1A04

Tritanomaly
510604

Monochromacy



Original Color
51030A

Achromatopsia
1B1B1B

Achromatomaly
2F1215

CSS Examples

Text

The CSS property to change the color of the text to Hex 51030A 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 #51030A looks like.

```
.text, #text, p{  
    color:#51030A  
}
```

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 #51030A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51030A
}
```

Border

The CSS property to change the border of an element to Hex 51030A is called "border". The border property can be set on classes, ids or directly on the HTML element.

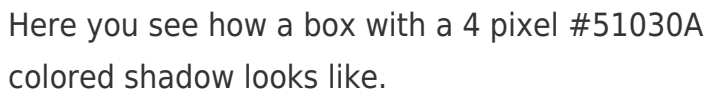
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51030A }
```

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

```
.border{ border-color:#51030A }
```

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



Here you see how a box with a 4 pixel #51030A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51030A; -webkit-box-shadow:4px 4px  
4px 4px #51030A; box-shadow:4px 4px 4px  
4px #51030A }
```

Background

The CSS property to change the background color of an element to Hex 51030A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51030A }
```

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

```
.background{ background-color:#51030A }
```

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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