

Converting Colors

Hex(50160A)

Have a look what the booklet for
Hex(50160A) contains.

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Color

Hex(50160A)

Conversions

Conversions Part 1

Format	Color
Hex	50160A
RGB	80, 22, 10
RGB Percent	31%, 9%, 4%
CMY	0.6863, 0.9137, 0.9608
CMYK	0.00, 0.72, 0.88, 0.69
HSL	10°, 78%, 18%
HSV	10°, 88%, 31%
XYZ	3.6500, 2.3012, 0.5390
YIQ	37.9740, 38.4200, 8.5640

Conversions

Conversions Part 2

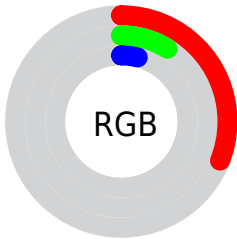
Format	Color
R_YB	80, 24, 10
Decimal	5248522
CIE Lab	16.99, 26.47, 21.59
CIE LCh	17, 34.160, 39.204
Yxy	2.3012, 0.5624, 0.3546
Android (android.graphics.Color)	4283438602 (0xFF50160A)
YUV	37.9740, -13.7912, 36.8568
Hunter-Lab	15.1697, 16.4015, 8.5123

Details

The Hex color **50160A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A4450**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **864536**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **500F02**, and if you desaturate by 10%, it is **501D12**.

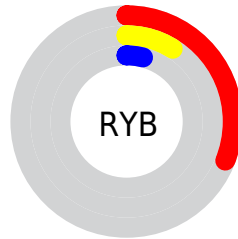
Distribution



Red (31%)

Green (9%)

Blue (4%)



Red (31%)

Yellow (9%)

Blue (4%)

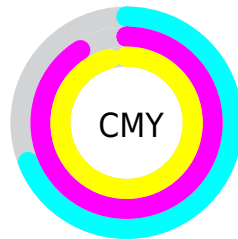


Cyan (0%)

Magenta (72%)

Yellow (88%)

Black (69%)



Cyan (69%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50160A 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 50160A by changing the saturation by 10% instead.

 50160A

 50160A

 FFFFEA

 360000

 864536

 1B0001

 A25D4D

 000000

 BF7665

 DC907E

 F9AB98

 FFC6B2

 FFE3CE

 50160A

 50160A

■ 500F02

■ 501D12

■ 500E00

■ 50231A

■ 502A22

■ 50312A

■ 503732

■ 503E3A

■ 504442

■ 504B4A

■ 505252

Harmonies

Analogous

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



540C23



50160A



422200

Triad

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



50160A



003417



002A5B

Complementary

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



50160A



0A4450

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.



003158



50160A



003531

Square

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



50160A



143100



003448



331F50

Rectangle

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



50160A



352900



003448



002D5B

Sweetspot

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



50160A



69524D



500A44



362825



B5B5B5



363636

Same Dimension

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



50160A



691200



50390A



292525



E82800

Inverse Universe

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



0A4450



005769



0A2150



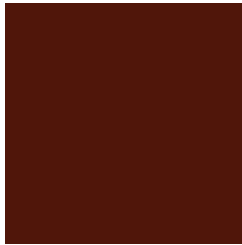
252829



00C0E8

Previews

White Background



This preview shows how the Hex color 50160A looks on a white background.

Color Contrast Check

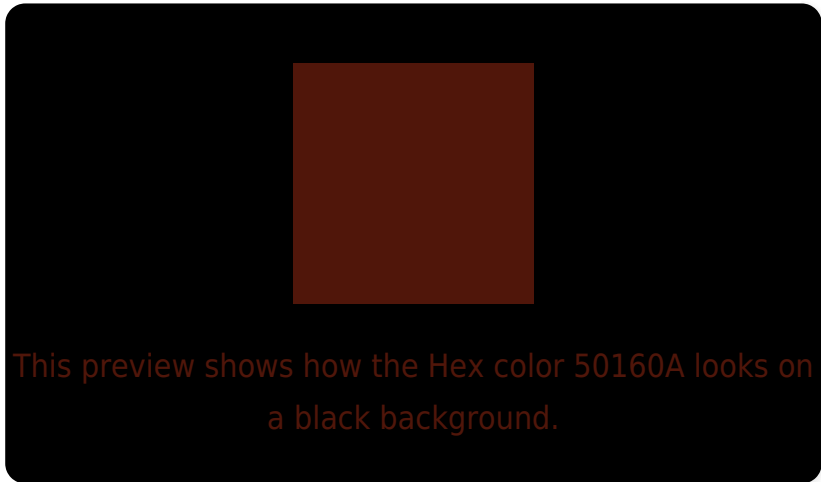
Large Text (above 18pt) WCAG AA ✓ Pass

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

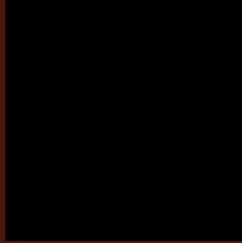
Any Text WCAG AA × Fail

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 50160A Background



This preview shows how black text looks on a background with the Hex color 50160A.

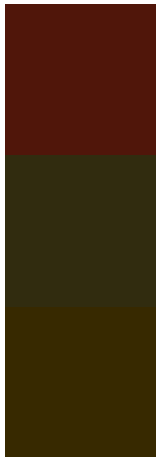


This preview shows how white text looks on a background with the Hex color 50160A.

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
50160A

Protanopia
312C0F

Deuteranopia
372900



Tritanopia
501516

Trichromacy



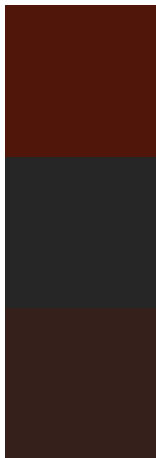
Original Color
50160A

Protanomaly
3C240D

Deuteranomaly
402204

Tritanomaly
501512

Monochromacy



Original Color
50160A

Achromatopsia
262626

Achromatomaly
35201C

CSS Examples

Text

The CSS property to change the color of the text to Hex 50160A 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 #50160A looks like.

```
.text, #text, p{  
    color:#50160A  
}
```

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 #50160A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50160A
}
```

Border

The CSS property to change the border of an element to Hex 50160A 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
#50160A }
```

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

```
.border{ border-color:#50160A }
```

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

Here you see how a box with a 4 pixel #50160A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50160A; -webkit-box-shadow:4px 4px  
4px 4px #50160A; box-shadow:4px 4px 4px  
4px #50160A }
```

Background

The CSS property to change the background color of an element to Hex 50160A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50160A }
```

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

```
.background{ background-color:#50160A }
```

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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