

# Converting Colors

Hex(56101A)

Have a look what the booklet for  
Hex(56101A) contains.

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**Color**

**Hex(56101A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	56101A
RGB	86, 16, 26
RGB Percent	34%, 6%, 10%
CMY	0.6627, 0.9373, 0.8980
CMYK	0.00, 0.81, 0.70, 0.66
HSL	351°, 69%, 20%
HSV	351°, 81%, 34%
XYZ	4.2095, 2.4236, 1.2232
YIQ	38.0700, 38.5100, 17.9500

# Conversions

## Conversions Part 2

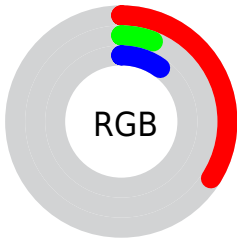
Format	Color
<a href="#">RYB</a>	<a href="#">86, 16, 26</a>
Decimal	<a href="#">5640218</a>
CIELab	<a href="#">17.57, 32.21, 13.09</a>
CIELCh	<a href="#">18, 34.763, 22.112</a>
Yxy	<a href="#">2.4236, 0.5358, 0.3085</a>
Android (android.graphics.Color)	<a href="#">4283830298 (0xFF56101A)</a>
YUV	<a href="#">38.0700, -5.9505, 42.0346</a>
Hunter-Lab	<a href="#">15.5679, 21.0218, 6.2389</a>

# Details

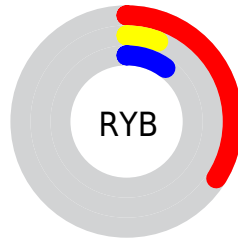
The Hex color **56101A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **10564C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8C4145**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **560713**, and if you desaturate by 10%, it is **561921**.

# Distribution



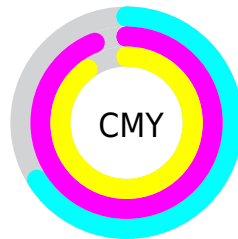
- Red (34%)
- Green (6%)
- Blue (10%)



- Red (34%)
- Yellow (6%)
- Blue (10%)



- Cyan (0%)
- Magenta (81%)
- Yellow (70%)
- Black (66%)



- Cyan (66%)
- Magenta (94%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56101A 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 56101A by changing the saturation by 10% instead.



 56101A

 56101A

 FFFDFD

 3D0000

 8C4145

 230001

 A85A5C

 000000

 C57375

 E28E8F

 FFA9A9

 FFC4C4

 FFE0E0

 56101A

 56101A

■ 560713

■ 561921

■ 56000C

■ 562129

■ 562A30

■ 563237

■ 563B3F

■ 564446

■ 564C4E

■ 565555

■ 565D5C

# Harmonies

## Analogous

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



540E33



56101A



4D1C00

# Triad

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



56101A



003408



00305D

# Complementary

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



56101A



10564C

# 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.



003552



56101A



003623

# Square

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



56101A



252F00



00363D



19275A

# Rectangle

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



56101A



422400



00363D



00325B



# Sweetspot

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



56101A



705559



4B1056



38282A



B8B8B8



383838



# Same Dimension

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



56101A



700212



562910



2B2728



6B000F



EB0022



# Inverse Universe

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



56101A



700212



103E56



2B2728



6B000F

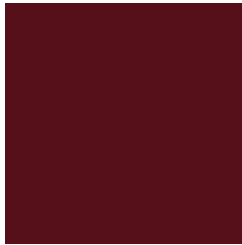


EB0022



# Previews

## White Background



This preview shows how the Hex color 56101A looks on a white background.

## Color Contrast Check

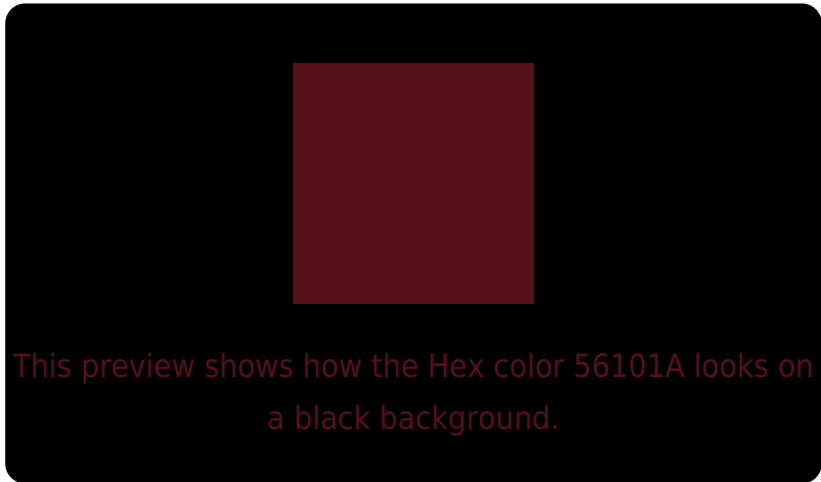
Large Text (above 18pt) WCAG AA ✓ Pass

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

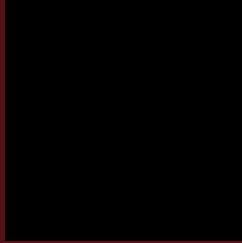
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56101A Background



This preview shows how black text looks on a background with the Hex color 56101A.



This preview shows how white text looks on a background with the Hex color 56101A.

# 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**  
56101A

**Protanopia**  
302D25

**Deuteranopia**  
382B16



# Trichromacy



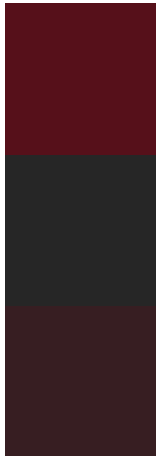
**Original Color**  
56101A

**Protanomaly**  
3E2221

**Deuteranomaly**  
432117

**Tritanomaly**  
561115

# Monochromacy



**Original Color**  
56101A

**Achromatopsia**  
262626

**Achromatomaly**  
371E22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56101A 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 #56101A looks like.

```
.text, #text, p{  
    color:#56101A  
}
```

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 #56101A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56101A
}
```

## Border

The CSS property to change the border of an element to Hex 56101A is called "border". The border property can be set on classes, ids or directly on the HTML element.

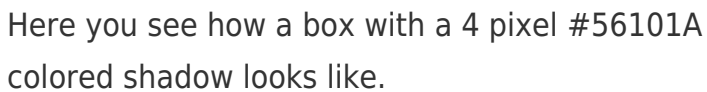
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56101A }
```

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

```
.border{ border-color:#56101A }
```

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



Here you see how a box with a 4 pixel #56101A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56101A; -webkit-box-shadow:4px 4px  
4px 4px #56101A; box-shadow:4px 4px 4px  
4px #56101A }
```

# Background

The CSS property to change the background color of an element to Hex 56101A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56101A }
```

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

```
.background{ background-color:#56101A }
```

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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