

Converting Colors

Hex(A51010)

Have a look what the booklet for
Hex(A51010) contains.

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Color

Hex(A51010)

Conversions

Conversions Part 1

Format	Color
Hex	A51010
RGB	165, 16, 16
RGB Percent	65%, 6%, 6%
CMY	0.3529, 0.9373, 0.9373
CMYK	0.00, 0.90, 0.90, 0.35
HSL	0°, 82%, 35%
HSV	0°, 90%, 65%
XYZ	15.7959, 8.4073, 1.2805
YIQ	60.5510, 88.8040, 31.5880

Conversions

Conversions Part 2

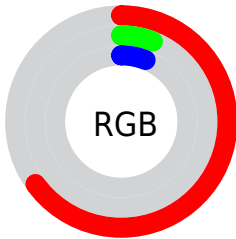
Format	Color
R_{YB}	165, 16, 16
Decimal	10817552
CIE Lab	34.82, 55.86, 42.13
CIE LCh	35, 69.968, 37.028
Yxy	8.4073, 0.6198, 0.3299
Android (android.graphics.Color)	4289007632 (0xFFA51010)
YUV	60.5510, -21.9636, 91.6018
Hunter-Lab	28.9954, 46.4998, 17.6785

Details

The Hex color **A51010** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **10A5A5**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **E4513D**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A50000**, and if you desaturate by 10%, it is **A52020**.

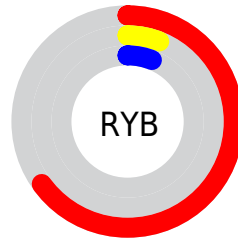
Distribution



Red (65%)

Green (6%)

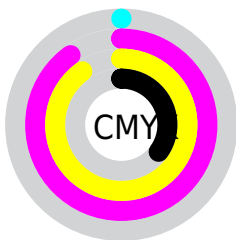
Blue (6%)



Red (65%)

Yellow (6%)

Blue (6%)

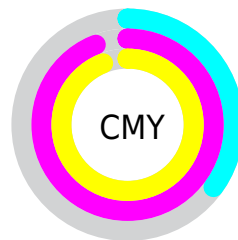


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (35%)



Cyan (35%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color A51010 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 A51010 by changing the saturation by 10% instead.

 A51010

 A51010

 FFFFF6

 860000

 E4513D

 670000

 FF6D55

 4A0001

 FF896E

 2D0002

 FFA588

 000000

 FFC1A2

 FFDEBD

 FFFCD9

 A51010

 A51010

 A50000

 A52020

 A53131

 A54141

 A55252

 A56262

 A57373

 A58383

 A59494

 A5A4A4

Harmonies

Analogous

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



AF0048



A51010



863E00

Triad

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



A51010



006622



0056C3

Complementary

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



A51010



10A5A5

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.



0063BA



A51010



00685E

Square

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



A51010



116000



006895



5D3BAD

Rectangle

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



A51010



6A4E00



006895



005CC4

Sweetspot

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



A51010



D69C9C



A510A5



6B4949



EBEBEB



6B6B6B

Same Dimension

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



A51010



D60000



A55A10



524949



910000



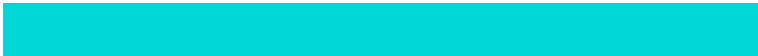
120000

Inverse Universe

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



10A5A5



00D6D6



105AA5



495252



009191



001212

Previews

White Background



This preview shows how the Hex color A51010 looks on a white background.

Color Contrast Check

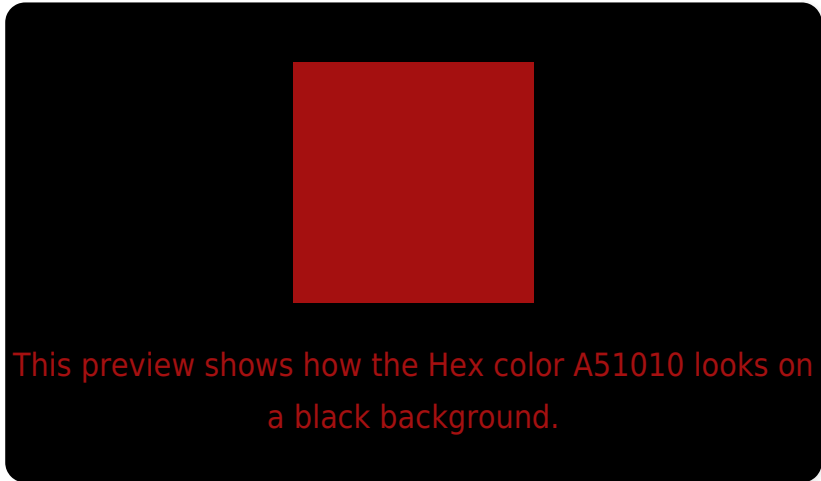
Large Text (above 18pt) WCAG AA ✓ Pass

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 A51010 Background



This preview shows how black text looks on a background with the Hex color A51010.



This preview shows how white text looks on a background with the Hex color A51010.

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
A51010

Protanopia
5E541E

Deuteranopia
6A5000



Tritanopia
A5110A

Trichromacy



Original Color
A51010

Protanomaly
783B19

Deuteranomaly
7F3906

Tritanomaly
A5110C

Monochromacy



Original Color
A51010

Achromatopsia
3D3D3D

Achromatomaly
632D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex A51010 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 #A51010 looks like.

```
.text, #text, p{  
    color:#A51010  
}
```

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 #A51010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A51010
}
```

Border

The CSS property to change the border of an element to Hex A51010 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".

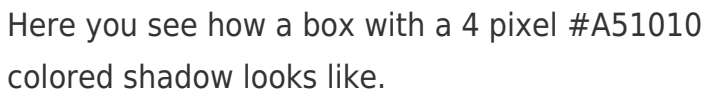
```
.border, #border, table{ border:4px solid
#A51010 }
```

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

```
.border{ border-color:#A51010 }
```

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

Here you see how a box with a 4 pixel #A51010 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A51010; -webkit-box-shadow:4px 4px  
4px 4px #A51010; box-shadow:4px 4px 4px  
4px #A51010 }
```

Background

The CSS property to change the background color of an element to Hex A51010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A51010 }
```

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

```
.background{ background-color:#A51010 }
```

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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