

Converting Colors

Hex(A31C0A)

Have a look what the booklet for
Hex(A31C0A) contains.

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Color

Hex(A31C0A)

Conversions

Conversions Part 1

Format	Color
Hex	A31C0A
RGB	163, 28, 10
RGB Percent	64%, 11%, 4%
CMY	0.3608, 0.8902, 0.9608
CMYK	0.00, 0.83, 0.94, 0.36
HSL	7°, 88%, 34%
HSV	7°, 94%, 64%
XYZ	15.5743, 8.6390, 1.1338
YIQ	66.3130, 86.2380, 23.0220

Conversions

Conversions Part 2

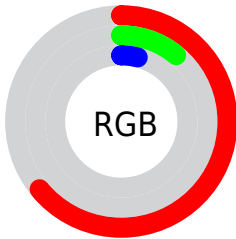
Format	Color
RYB	163, 30, 10
Decimal	10689546
CIELab	35.28, 52.57, 44.74
CIELCh	35, 69.033, 40.397
Yxy	8.6390, 0.6144, 0.3408
Android (android.graphics.Color)	4288879626 (0xFFA31C0A)
YUV	66.3130, -27.7623, 84.7945
Hunter-Lab	29.3921, 43.1475, 18.2874

Details

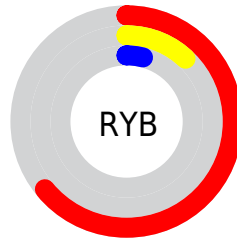
The Hex color **A31C0A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0A91A3**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **E25739**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A31300**, and if you desaturate by 10%, it is **A32A1A**.

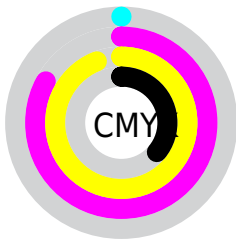
Distribution



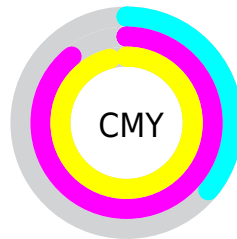
- Red (64%)
- Green (11%)
- Blue (4%)



- Red (64%)
- Yellow (12%)
- Blue (4%)



- Cyan (0%)
- Magenta (83%)
- Yellow (94%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (96%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31C0A 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 A31C0A by changing the saturation by 10% instead.

 A31C0A

 A31C0A

 FFFFF2

 840000

 E25739

 660000

 FF7251

 480000

 FF8D6A

 2C0001

 FFA984

 000000

 FFC69E

 FFE3B9

 FFFF5D

 A31C0A

 A31C0A

 A31300

 A32A1A

 A3392B

 A3473B

 A3564B

 A3645C

 A3726C

 A3817C

 A38F8C

 A39D9D

Harmonies

Analogous

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



B00043



A31C0A



834200

Triad

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



A31C0A



00672B



0055C2

Complementary

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



A31C0A



0A91A3

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.



0063BC



A31C0A



006966

Square

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



A31C0A



006200



00699A



6838A8

Rectangle

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



A31C0A



665100



00699A



005BC3

Sweetspot

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



A31C0A



D49F98



A30A91



6B4B47



EBEBEB



6B6B6B

Same Dimension

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



A31C0A



D41900



A3680A



524A49



911100



120200

Inverse Universe

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



0A91A3



00BBD4



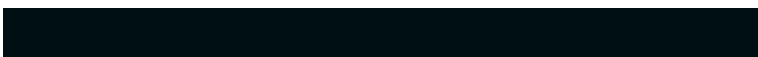
0A45A3



495152



008091



001012

Previews

White Background



This preview shows how the Hex color A31C0A looks on a white background.

Color Contrast Check

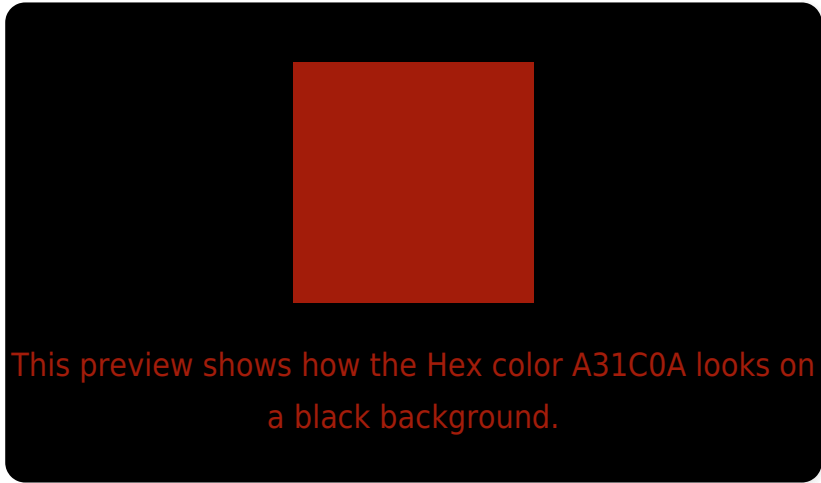
Large Text (above 18pt) WCAG AA ✓ Pass

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 A31C0A Background



This preview shows how black text looks on a background with the Hex color A31C0A.



This preview shows how white text looks on a background with the Hex color A31C0A.

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
A31C0A

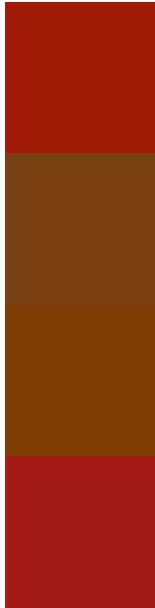
Protanopia
5F5518

Deuteranopia
6B5000



Tritanopia
A31B19

Trichromacy



Original Color
A31C0A

Protanomaly
784013

Deuteranomaly
7F3D04

Tritanomaly
A31B14

Monochromacy



Original Color
A31C0A

Achromatopsia
424242

Achromatomaly
65342E

CSS Examples

Text

The CSS property to change the color of the text to Hex A31C0A 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 #A31C0A looks like.

```
.text, #text, p{  
    color:#A31C0A  
}
```

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 #A31C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31C0A }  
}
```

Border

The CSS property to change the border of an element to Hex A31C0A 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 #A31C0A }  
}
```

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

```
.border{ border-color:#A31C0A }
```

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

Here you see how a box with a 4 pixel #A31C0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31C0A; -webkit-box-shadow:4px 4px  
4px 4px #A31C0A; box-shadow:4px 4px 4px  
4px #A31C0A }
```

Background

The CSS property to change the background color of an element to Hex A31C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31C0A }
```

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

```
.background{ background-color:#A31C0A }
```

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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