

Converting Colors

Hex(A31C0D)

Have a look what the booklet for
Hex(A31C0D) contains.

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Color

Hex(A31C0D)

Conversions

Conversions Part 1

Format	Color
Hex	A31C0D
RGB	163, 28, 13
RGB Percent	64%, 11%, 5%
CMY	0.3608, 0.8902, 0.9490
CMYK	0.00, 0.83, 0.92, 0.36
HSL	6°, 85%, 35%
HSV	6°, 92%, 64%
XYZ	15.5922, 8.6461, 1.2278
YIQ	66.6550, 85.2750, 23.9550

Conversions

Conversions Part 2

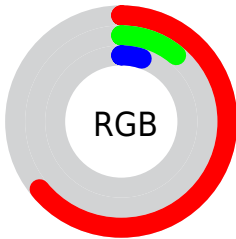
Format	Color
RYB	163, 30, 13
Decimal	10689549
CIELab	35.29, 52.62, 43.59
CIElCh	35, 68.327, 39.638
Yxy	8.6461, 0.6123, 0.3395
Android (android.graphics.Color)	4288879629 (0xFFA31C0D)
YUV	66.6550, -26.4519, 84.4946
Hunter-Lab	29.4042, 43.1956, 18.1072

Details

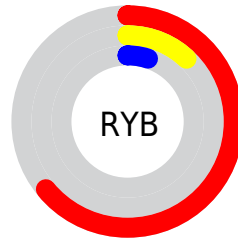
The Hex color **A31C0D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0D94A3**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **E2573B**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A31000**, and if you desaturate by 10%, it is **A32B1D**.

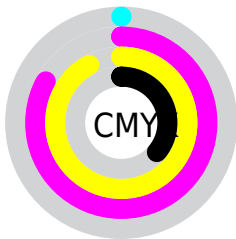
Distribution



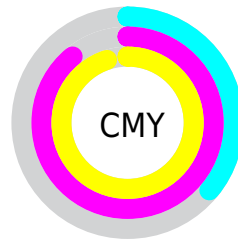
- Red (64%)
- Green (11%)
- Blue (5%)



- Red (64%)
- Yellow (12%)
- Blue (5%)



- Cyan (0%)
- Magenta (83%)
- Yellow (92%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31C0D 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 A31C0D by changing the saturation by 10% instead.

 A31C0D

 A31C0D

 FFFFF4

 850000

 E2573B

 660000

 FF7253

 480000

 FF8E6C

 2C0001

 FFA986

 000000

 FFC6A0

 FFE3BC

 FFFFD7

 A31C0D

 A31C0D

 A31000

 A32B1D

 A3392E

 A3483E

 A3574E

 A3655F

 A3746F

 A3837F

 A3918F

 A3A0A0

Harmonies

Analogous

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



AF0044



A31C0D



844200

Triad

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



A31C0D



00672A



0055C1

Complementary

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



A31C0D



0D94A3

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.



0063BB



A31C0D



006964

Square

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



A31C0D



076200



006998



6639A8

Rectangle

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



A31C0D



675100



006998



005BC2

Sweetspot

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



A31C0D



D49E98



A30D94



6B4A47



EBEBEB



6B6B6B

Same Dimension

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



A31C0D



D41500



A3670D



524A49



910F00



120200

Inverse Universe

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



0D94A3



00BED4



0D49A3



495152



008391



001012

Previews

White Background



This preview shows how the Hex color A31C0D looks on a white background.

Color Contrast Check

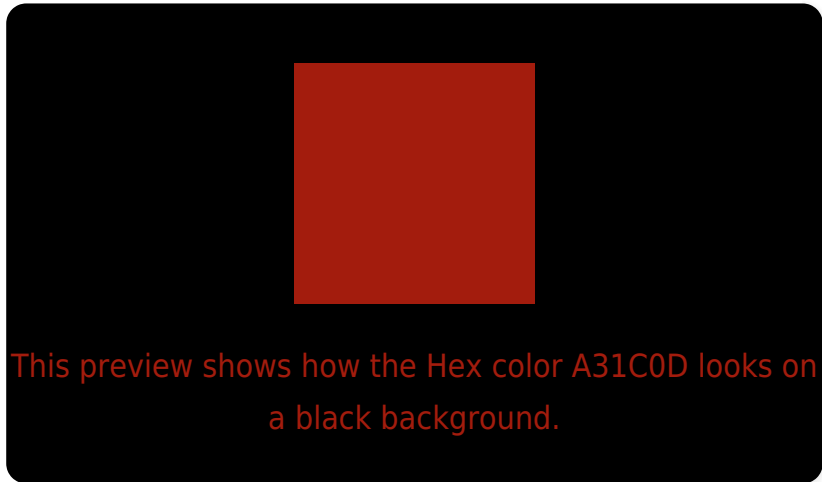
Large Text (above 18pt) WCAG AA ✓ Pass

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 A31C0D Background



This preview shows how black text looks on a background with the Hex color A31C0D.



This preview shows how white text looks on a background with the Hex color A31C0D.

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
A31C0D

Protanopia
5F551A

Deuteranopia
6B5000



Tritanopia
A31B19

Trichromacy



Original Color
A31C0D

Protanomaly
784015

Deuteranomaly
7F3D05

Tritanomaly
A31B15

Monochromacy



Original Color
A31C0D

Achromatopsia
434343

Achromatomaly
66352F

CSS Examples

Text

The CSS property to change the color of the text to Hex A31C0D 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 #A31C0D looks like.

```
.text, #text, p{  
    color:#A31C0D  
}
```

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 #A31C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31C0D
}
```

Border

The CSS property to change the border of an element to Hex A31C0D 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".

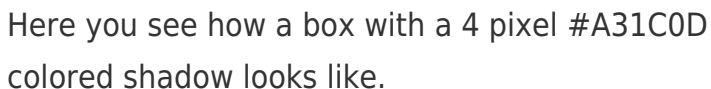
```
.border, #border, table{ border:4px solid
#A31C0D }
```

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

```
.border{ border-color:#A31C0D }
```

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

Here you see how a box with a 4 pixel #A31C0D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31C0D; -webkit-box-shadow:4px 4px  
4px 4px #A31C0D; box-shadow:4px 4px 4px  
4px #A31C0D }
```

Background

The CSS property to change the background color of an element to Hex A31C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31C0D }
```

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

```
.background{ background-color:#A31C0D }
```

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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