

Converting Colors

Hex(A31D1E)

Have a look what the booklet for
Hex(A31D1E) contains.

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Color

Hex(A31D1E)

Conversions

Conversions Part 1

Format	Color
Hex	A31D1E
RGB	163, 29, 30
RGB Percent	64%, 11%, 12%
CMY	0.3608, 0.8863, 0.8824
CMYK	0.00, 0.82, 0.82, 0.36
HSL	360°, 70%, 38%
HSV	360°, 82%, 64%
XYZ	15.7780, 8.7590, 2.0874
YIQ	69.1800, 79.5430, 28.7190

Conversions

Conversions Part 2

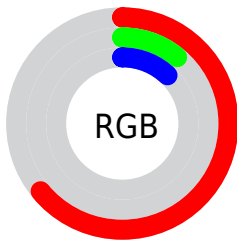
Format	Color
R _Y B	163, 29, 30
Decimal	10689822
CIE Lab	35.52, 52.74, 35.29
CIE LCh	36, 63.461, 33.789
Yxy	8.7590, 0.5926, 0.3290
Android (android.graphics.Color)	4288879902 (0xFFA31D1E)
YUV	69.1800, -19.3157, 82.2801
Hunter-Lab	29.5956, 43.3694, 16.5352

Details

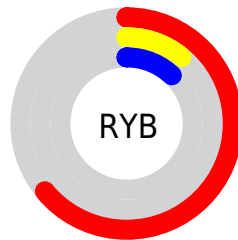
The Hex color **A31D1E** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1DA3A2**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E1584B**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A30D0E**, and if you desaturate by 10%, it is **A32D2E**.

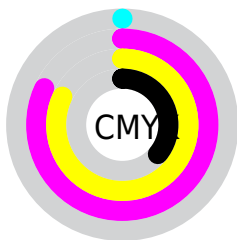
Distribution



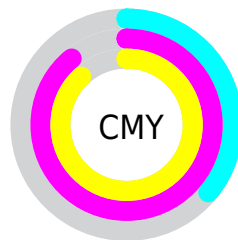
- Red (64%)
- Green (11%)
- Blue (12%)



- Red (64%)
- Yellow (11%)
- Blue (12%)



- Cyan (0%)
- Magenta (82%)
- Yellow (82%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31D1E 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 A31D1E by changing the saturation by 10% instead.

 A31D1E

 A31D1E

FFFFFF

 850008

 E1584B

 670000

 FF7363

 490000

 FF8E7C

 2D0001

 FFAA96

 000000

 FFC7B1

 FFE4CD

 FFFF99

 A31D1E

 A31D1E

 A30D0E

 A32D2E

 A30001

 A33E3E

 A34E4F

 A35E5F

 A36F6F

 A37F7F

 A38F8F

 A39F9F

 A3B0B0

Harmonies

Analogous

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



A9004F



A31D1E



893F00

Triad

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



A31D1E



006622



0059BA

Complementary

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



A31D1E



1DA3A2

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.



0064AF



A31D1E



006859

Square

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



A31D1E



2A6000



00688B



5642A9

Rectangle

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



A31D1E



704E00



00688B



005DBA

Sweetspot

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



A31D1E



D49F9F



A11DA3



6B4B4B



EBEBEB



6B6B6B

Same Dimension

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



A31D1E



D40204



A35E1D



52494A



910001



120000

Inverse Universe

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



A31D1E



D40204



1D62A3



52494A



910001



120000

Previews

White Background



This preview shows how the Hex color A31D1E looks on a white background.

Color Contrast Check

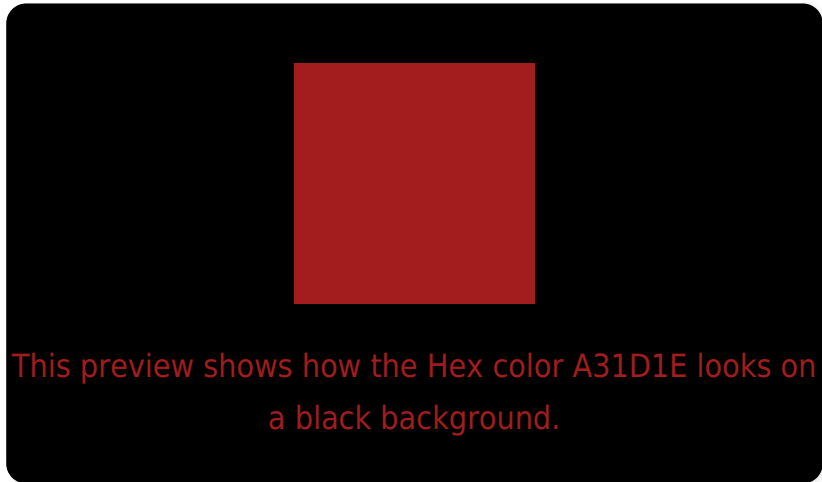
Large Text (above 18pt) WCAG AA ✓ Pass

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 A31D1E Background



This preview shows how black text looks on a background with the Hex color A31D1E.



This preview shows how white text looks on a background with the Hex color A31D1E.

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
A31D1E

Protanopia
5E552D

Deuteranopia
6B5111

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A31D1E 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 #A31D1E looks like.

```
.text, #text, p{  
    color:#A31D1E  
}
```

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 #A31D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31D1E
}
```

Border

The CSS property to change the border of an element to Hex A31D1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

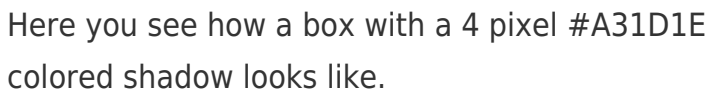
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A31D1E }
```

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

```
.border{ border-color:#A31D1E }
```

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



Here you see how a box with a 4 pixel `#A31D1E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31D1E; -webkit-box-shadow:4px 4px  
4px 4px #A31D1E; box-shadow:4px 4px 4px  
4px #A31D1E }
```

Background

The CSS property to change the background color of an element to Hex A31D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31D1E }
```

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

```
.background{ background-color:#A31D1E }
```

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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