

Converting Colors

Hex(A31C21)

Have a look what the booklet for
Hex(A31C21) contains.

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Color

Hex(A31C21)

Conversions

Conversions Part 1

Format	Color
Hex	A31C21
RGB	163, 28, 33
RGB Percent	64%, 11%, 13%
CMY	0.3608, 0.8902, 0.8706
CMYK	0.00, 0.83, 0.80, 0.36
HSL	358°, 71%, 37%
HSV	358°, 83%, 64%
XYZ	15.7940, 8.7268, 2.2909
YIQ	68.9350, 78.8550, 30.1750

Conversions

Conversions Part 2

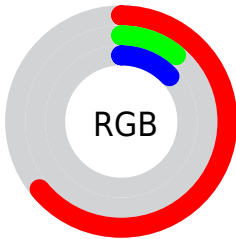
Format	Color
RYB	163, 28, 33
Decimal	10689569
CIELab	35.45, 53.11, 33.50
CIElCh	35, 62.790, 32.243
Yxy	8.7268, 0.5891, 0.3255
Android (android.graphics.Color)	4288879649 (0xFFA31C21)
YUV	68.9350, -17.7160, 82.4950
Hunter-Lab	29.5412, 43.7367, 16.0811

Details

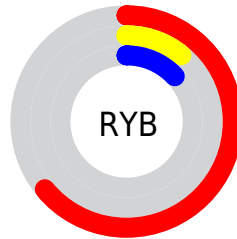
The Hex color **A31C21** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1CA39E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E1574E**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A30C11**, and if you desaturate by 10%, it is **A32C31**.

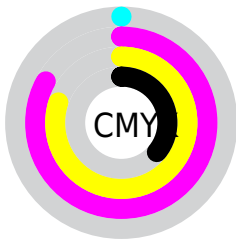
Distribution



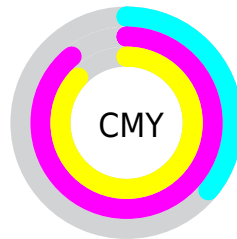
- Red (64%)
- Green (11%)
- Blue (13%)



- Red (64%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (83%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31C21 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 A31C21 by changing the saturation by 10% instead.

 A31C21

 A31C21

FFFFFF

 85000C

 E1574E

 670000

 FF7266

 490000

 FF8E7F

 2D0002

 FFAA99

 000000

 FFC6B4

 FFE3D0

 FFFFEC

 A31C21

 A31C21

 A30C11

 A32C31

 A30006

 A33D40

 A34D50

 A35D60

 A36E6F

 A37E7F

 A38E8F

 A39E9F

 A3AFAE

Harmonies

Analogous

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



A80052



A31C21



8A3D00

Triad

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



A31C21



006520



0059B9

Complementary

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



A31C21



1CA39E

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.



0064AD



A31C21



006856

Square

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



A31C21



2E5F00



006888



5144AA

Rectangle

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



A31C21



714D00



006888



005EB8

Sweetspot

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



A31C21



D49FA1



9C1CA3



6B4B4C



EBEBEB



6B6B6B

Same Dimension

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



A31C21



D4020A



A3591C



52494A



910005



120001

Inverse Universe

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



A31C21



D4020A



1C66A3



52494A



910005



120001

Previews

White Background



This preview shows how the Hex color A31C21 looks on a white background.

Color Contrast Check

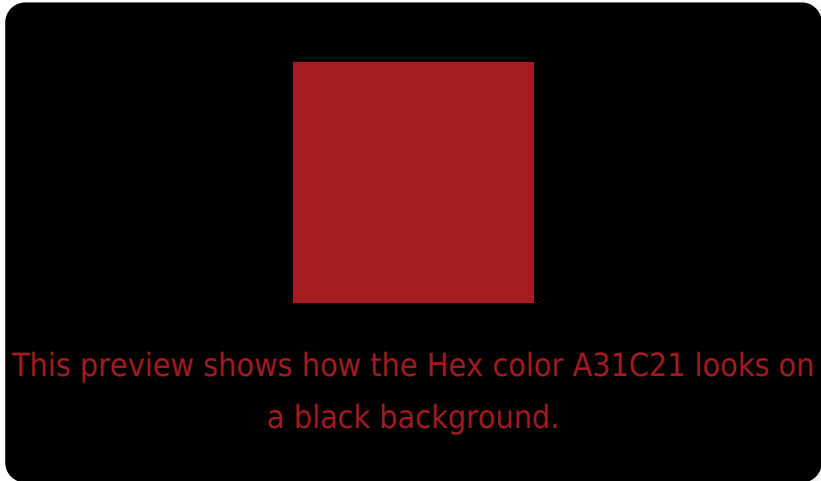
Large Text (above 18pt) WCAG AA ✓ Pass

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 A31C21 Background



This preview shows how black text looks on a background with the Hex color A31C21.



This preview shows how white text looks on a background with the Hex color A31C21.

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

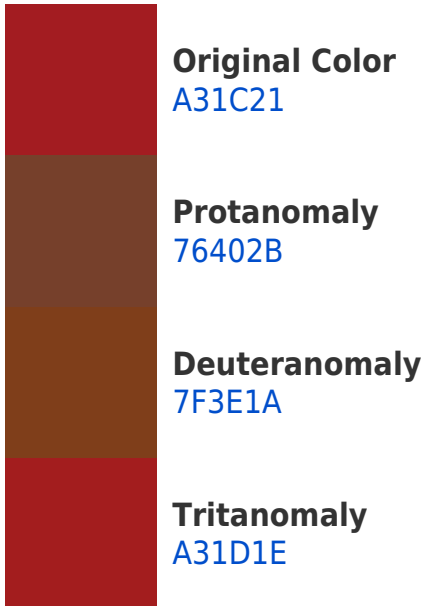


Original Color
A31C21

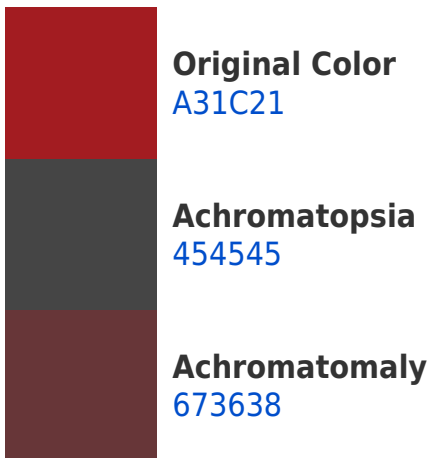
Protanopia
5D5531

Deuteranopia
6B5116

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A31C21 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 #A31C21 looks like.

```
.text, #text, p{  
    color:#A31C21  
}
```

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 #A31C21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31C21
}
```

Border

The CSS property to change the border of an element to Hex A31C21 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
#A31C21 }
```

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

```
.border{ border-color:#A31C21 }
```

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

Here you see how a box with a 4 pixel #A31C21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31C21; -webkit-box-shadow:4px 4px  
4px 4px #A31C21; box-shadow:4px 4px 4px  
4px #A31C21 }
```

Background

The CSS property to change the background color of an element to Hex A31C21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31C21 }
```

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

```
.background{ background-color:#A31C21 }
```

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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