

Converting Colors

Hex(A31D59)

Have a look what the booklet for
Hex(A31D59) contains.

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Color

Hex(A31D59)

Conversions

Conversions Part 1

Format	Color
Hex	A31D59
RGB	163, 29, 89
RGB Percent	64%, 11%, 35%
CMY	0.3608, 0.8863, 0.6510
CMYK	0.00, 0.82, 0.45, 0.36
HSL	333°, 70%, 38%
HSV	333°, 82%, 64%
XYZ	17.3468, 9.3865, 10.3487
YIQ	75.9060, 60.6040, 47.0680

Conversions

Conversions Part 2

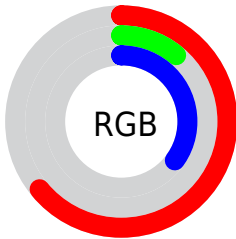
Format	Color
R_{YB}	163, 29, 89
Decimal	10689881
CIE _{Lab}	36.72, 56.38, -0.38
CIE _{LCh}	37, 56.384, 359.615
Yxy	9.3865, 0.4678, 0.2531
Android (android.graphics.Color)	4288879961 (0xFFA31D59)
YUV	75.9060, 6.4553, 76.3814
Hunter-Lab	30.6374, 47.4504, 1.4193

Details

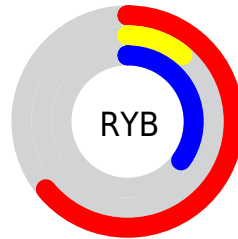
The Hex color **A31D59** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1DA367**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **DE598B**, and **69002C** is the 20% darker color. If you saturate the color by 10%, you get **A30D50**, and if you desaturate by 10%, it is **A32D62**.

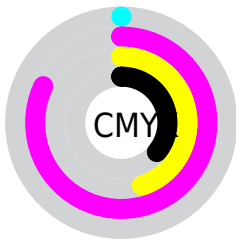
Distribution



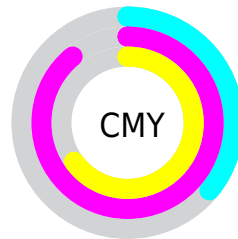
- Red (64%)
- Green (11%)
- Blue (35%)



- Red (64%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (82%)
- Yellow (45%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31D59 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 A31D59 by changing the saturation by 10% instead.

 A31D59

 A31D59

FFFFFF

 860042

 DE598B

 69002C

 FD75A5

 4D0018

 FF91C0

 340002

 FFADDC

 000000

 FFCAF8

 FFE7FF

 A31D59

 A31D59

 A30D50

 A32D62

 A30049

 A33E6B

 A34E74

 A35E7D

 A36F86

 A37F8F

 A38F98

 A39FA1

 A3B0AA

Harmonies

Analogous

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



8B3185



A31D59



A1292D

Triad

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



A31D59



3D6000



0066A5

Complementary

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



A31D59



1DA367

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.



006A82



A31D59



006725

Square

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



A31D59



6A5400



006A54



005CB2

Rectangle

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



A31D59



95390E



006A54



00689B

Sweetspot

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



A31D59



D49FB6



671DA3



6B4B59



EBEBEB



6B6B6B

Same Dimension

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



A31D59



D40260



A3241D



52494D



910041



120008

Inverse Universe

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



A31D59



D40260



1D9CA3



52494D



910041



120008

Previews

White Background



This preview shows how the Hex color A31D59 looks on a white background.

Color Contrast Check

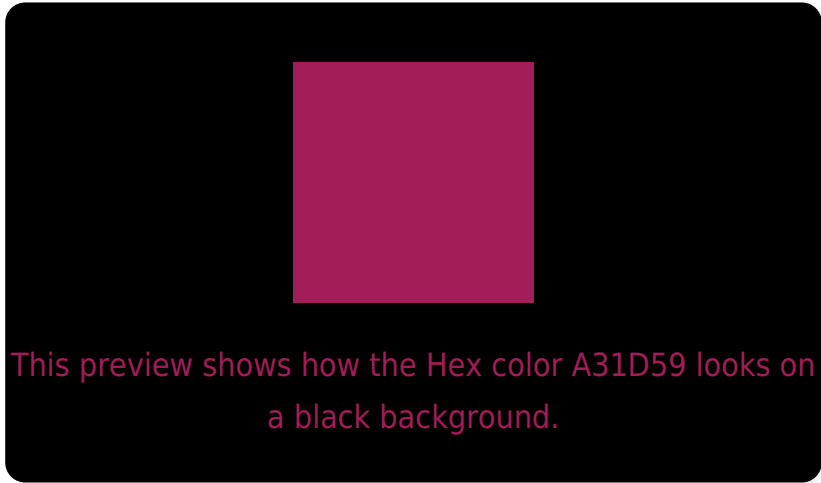
Large Text (above 18pt) WCAG AA ✓ Pass

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

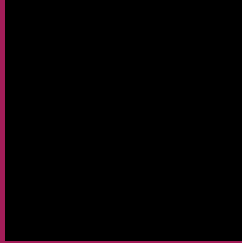
Any Text WCAG AA × Fail

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 A31D59 Background



This preview shows how black text looks on a background with the Hex color A31D59.



This preview shows how white text looks on a background with the Hex color A31D59.

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
A31D59

Protanopia
4D577B

Deuteranopia
625553

Trichromacy



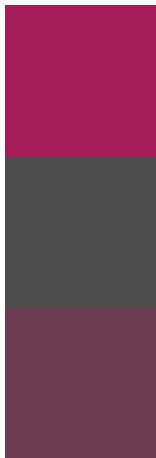
Original Color
A31D59

Protanomaly
6C426F

Deuteranomaly
7A4155

Tritanomaly
A2263D

Monochromacy



Original Color
A31D59

Achromatopsia
4C4C4C

Achromatomaly
6C3B51

CSS Examples

Text

The CSS property to change the color of the text to Hex A31D59 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 #A31D59 looks like.

```
.text, #text, p{  
    color:#A31D59  
}
```

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 #A31D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31D59
}
```

Border

The CSS property to change the border of an element to Hex A31D59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

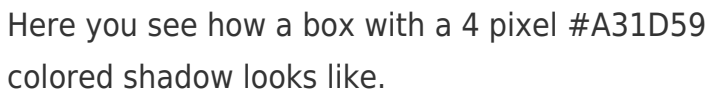
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A31D59 }
```

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

```
.border{ border-color:#A31D59 }
```

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



Here you see how a box with a 4 pixel `#A31D59` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31D59; -webkit-box-shadow:4px 4px  
4px 4px #A31D59; box-shadow:4px 4px 4px  
4px #A31D59 }
```

Background

The CSS property to change the background color of an element to Hex A31D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31D59 }
```

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

```
.background{ background-color:#A31D59 }
```

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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