

# Converting Colors

Hex(A31590)

Have a look what the booklet for  
Hex(A31590) contains.

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**Color**

**Hex(A31590)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A31590
RGB	163, 21, 144
RGB Percent	64%, 8%, 56%
CMY	0.3608, 0.9176, 0.4353
CMYK	0.00, 0.87, 0.12, 0.36
HSL	308°, 77%, 36%
HSV	308°, 87%, 64%
XYZ	20.4065, 10.3365, 27.3052
YIQ	77.4800, 45.1490, 68.3570

# Conversions

## Conversions Part 2

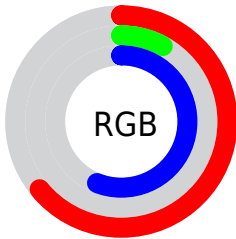
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 21, 144
Decimal	10687888
CIE <sub>Lab</sub>	38.44, 64.74, -32.26
CIE <sub>LCh</sub>	38, 72.335, 333.513
Yxy	10.3365, 0.3515, 0.1781
Android (android.graphics.Color)	4288877968 (0xFFA31590)
YUV	77.4800, 32.7944, 75.0010
Hunter-Lab	32.1504, 57.0341, -27.8494

# Details

The Hex color **A31590** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **15A328**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **DD58C6**, and **6B005D** is the 20% darker color. If you saturate the color by 10%, you get **A3058E**, and if you desaturate by 10%, it is **A32592**.

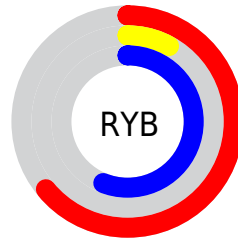
# Distribution



Red (64%)

Green (8%)

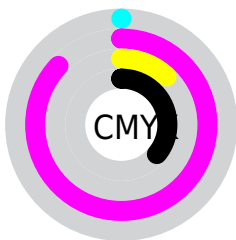
Blue (56%)



Red (64%)

Yellow (8%)

Blue (56%)

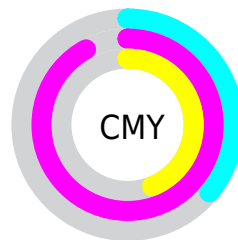


Cyan (0%)

Magenta (87%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (92%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A31590 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 A31590 by changing the saturation by 10% instead.



 A31590

 A31590

FFFFFF

 870076

 DD58C6

 6B005D

 FB74E2

 4F0045

 FF90FF

 37002E

 FFADFF

 150018

 FFCAFF

 000000

 FFE7FF

 A31590

 A31590

 A3058E

 A32592

 A3008D

 A33694

 A34697

 A35699

 A3679B

 A3779D

 A3879F

 A397A1

 A3A8A4

# Harmonies

## Analogous

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



5A46BE



A31590



BC0056

# Triad

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



A31590



695B00



00729B

# Complementary

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



A31590



15A328

# 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.



007260



A31590



286800

# Square

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



A31590



974200



006F20



006EC5

# Rectangle

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



A31590



BB0030



006F20



007288



# Sweetspot

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



A31590



D49DCC



2815A3



6B4A67



EBEBEB



6B6B6B



# Same Dimension

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



A31590



D400B7



A31549



524951



91007E



12000F



# Inverse Universe

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



A31590



D400B7



15A36F



524951



91007E



12000F



# Previews

## White Background



This preview shows how the Hex color A31590 looks on a white background.

## Color Contrast Check

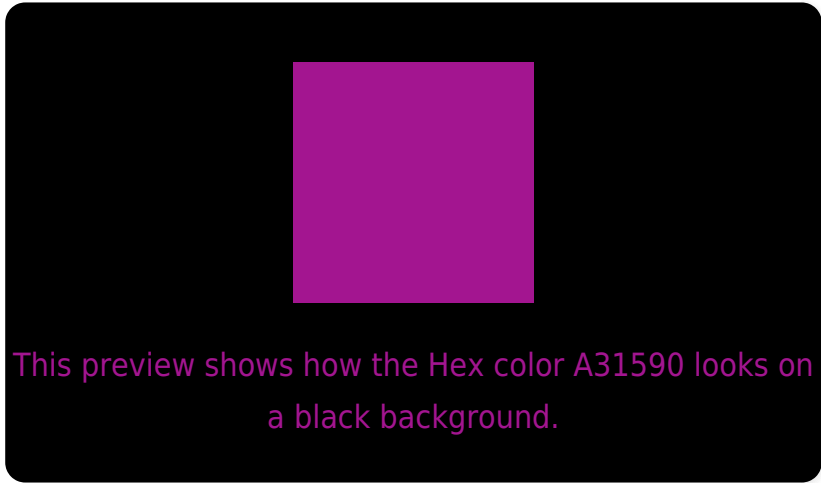
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

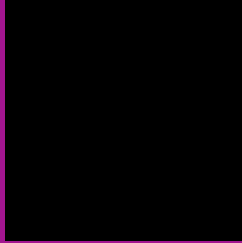
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A31590 Background



This preview shows how black text looks on a background with the Hex color A31590.



This preview shows how white text looks on a background with the Hex color A31590.

# 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





**Tritanopia**  
9B3B3F

# Trichromacy



**Original Color**  
A31590



**Protanomaly**  
3B40AD



**Deuteranomaly**  
6A428A

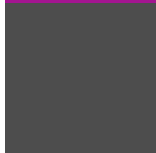


**Tritanomaly**  
9E2D5C

# Monochromacy



**Original Color**  
A31590



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
6C3965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A31590 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 #A31590 looks like.

```
.text, #text, p{  
    color:#A31590  
}
```

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 #A31590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31590
}
```

## Border

The CSS property to change the border of an element to Hex A31590 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
#A31590 }
```

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

```
.border{ border-color:#A31590 }
```

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

Here you see how a box with a 4 pixel #A31590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31590; -webkit-box-shadow:4px 4px  
4px 4px #A31590; box-shadow:4px 4px 4px  
4px #A31590 }
```

# Background

The CSS property to change the background color of an element to Hex A31590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31590 }
```

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

```
.background{ background-color:#A31590 }
```

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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