

Converting Colors

Hex(A31166)

Have a look what the booklet for
Hex(A31166) contains.

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Color

Hex(A31166)

Conversions

Conversions Part 1

Format	Color
Hex	A31166
RGB	163, 17, 102
RGB Percent	64%, 7%, 40%
CMY	0.3608, 0.9333, 0.6000
CMYK	0.00, 0.90, 0.37, 0.36
HSL	325°, 81%, 35%
HSV	325°, 90%, 64%
XYZ	17.7030, 9.1467, 13.4028
YIQ	70.3440, 59.7310, 57.3870

Conversions

Conversions Part 2

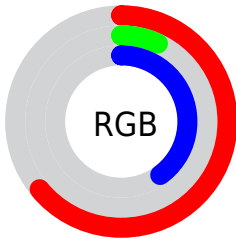
Format	Color
R_{YB}	163, 17, 102
Decimal	10686822
CIE _{Lab}	36.27, 60.26, -9.38
CIE _{LCh}	36, 60.987, 351.156
Yxy	9.1467, 0.4398, 0.2272
Android (android.graphics.Color)	4288876902 (0xFFA31166)
YUV	70.3440, 15.6064, 81.2593
Hunter-Lab	30.2436, 51.5582, -5.1046

Details

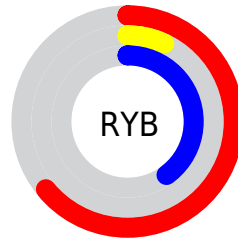
The Hex color **A31166** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11A34E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **DE5499**, and **6A0037** is the 20% darker color. If you saturate the color by 10%, you get **A3015F**, and if you desaturate by 10%, it is **A3216D**.

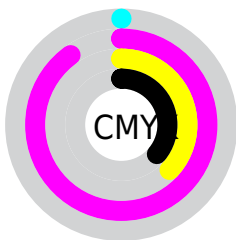
Distribution



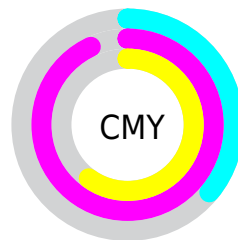
- Red (64%)
- Green (7%)
- Blue (40%)



- Red (64%)
- Yellow (7%)
- Blue (40%)



- Cyan (0%)
- Magenta (90%)
- Yellow (37%)
- Black (36%)



- Cyan (36%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31166 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 A31166 by changing the saturation by 10% instead.

 A31166

 A31166

FFFFFF

 86004E

 DE5499

 6A0037

 FC70B4

 4E0022

 FF8CCF

 340009

 FFA9EB

 030000

 FFC5FF

 000000

 FFE3FF

 A31166

 A31166

 A3015F

 A3216D

 A3005F

 A33274

 A3427A

 A35281

 A36288

 A3738F

 A38396

 A3939C

 A3A4A3

Harmonies

Analogous

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



803494



A31166



A81636

Triad

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



A31166



485D00



0068A2

Complementary

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



A31166



11A34E

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.



006A78



A31166



00650C

Square

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



A31166



754E00



006945



0060B7

Rectangle

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



A31166



9E2C15



006945



006995

Sweetspot

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



A31166



D49BBC



4E11A3



6B495D



EBEBEB



6B6B6B

Same Dimension

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



A31166



D4007B



A3111D



52494E



910055



12000A

Inverse Universe

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



A31166



D4007B



11A397



52494E



910055



12000A

Previews

White Background



This preview shows how the Hex color A31166 looks on a white background.

Color Contrast Check

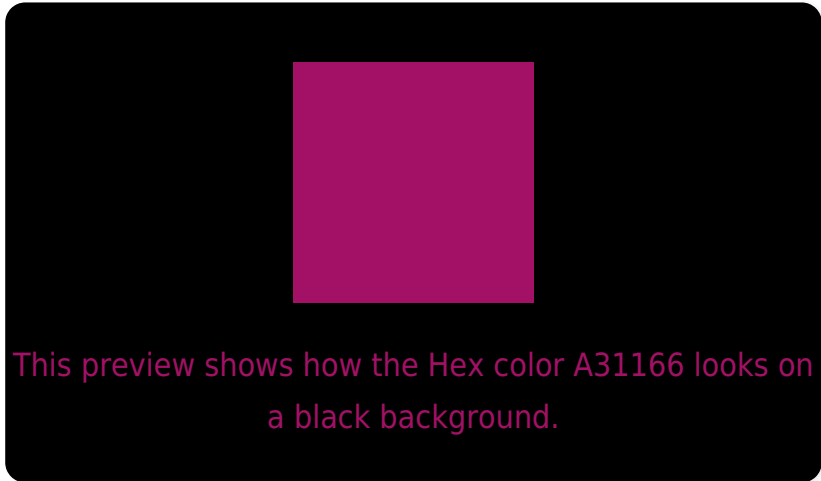
Large Text (above 18pt) WCAG AA ✓ Pass

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 A31166 Background



This preview shows how black text looks on a background with the Hex color A31166.

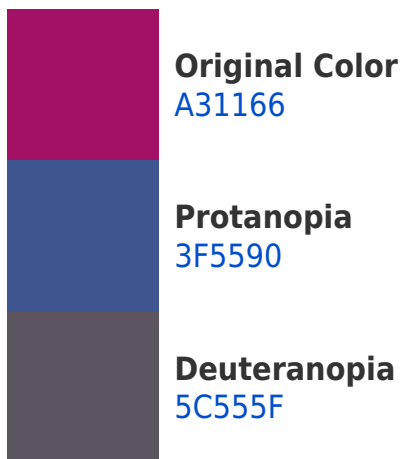


This preview shows how white text looks on a background with the Hex color A31166.

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
9F2B2C

Trichromacy



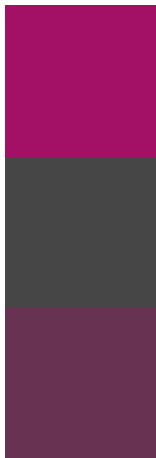
Original Color
A31166

Protanomaly
633C81

Deuteranomaly
763C62

Tritanomaly
A02241

Monochromacy



Original Color
A31166

Achromatopsia
464646

Achromatomaly
683352

CSS Examples

Text

The CSS property to change the color of the text to Hex A31166 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 #A31166 looks like.

```
.text, #text, p{  
    color:#A31166  
}
```

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 #A31166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31166
}
```

Border

The CSS property to change the border of an element to Hex A31166 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
#A31166 }
```

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

```
.border{ border-color:#A31166 }
```

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

Here you see how a box with a 4 pixel #A31166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31166; -webkit-box-shadow:4px 4px  
4px 4px #A31166; box-shadow:4px 4px 4px  
4px #A31166 }
```

Background

The CSS property to change the background color of an element to Hex A31166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31166 }
```

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

```
.background{ background-color:#A31166 }
```

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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