

# Converting Colors

Hex(A30B5B)

Have a look what the booklet for  
Hex(A30B5B) contains.

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**Color**

**Hex(A30B5B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A30B5B
RGB	163, 11, 91
RGB Percent	64%, 4%, 36%
CMY	0.3608, 0.9569, 0.6431
CMYK	0.00, 0.93, 0.44, 0.36
HSL	328°, 87%, 34%
HSV	328°, 93%, 64%
XYZ	17.1123, 8.7812, 10.6906
YIQ	65.5680, 64.9120, 57.1040

# Conversions

## Conversions Part 2

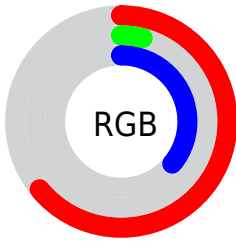
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 11, 91
Decimal	10685275
CIELab	35.56, 60.09, -3.37
CIElCh	36, 60.187, 356.790
Yxy	8.7812, 0.4678, 0.2400
Android (android.graphics.Color)	4288875355 (0xFFA30B5B)
YUV	65.5680, 12.5380, 85.4479
Hunter-Lab	29.6331, 51.2207, -0.6465

# Details

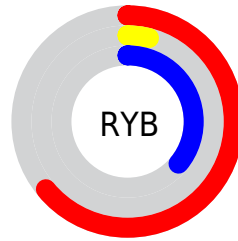
The Hex color **A30B5B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0BA353**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **DF518D**, and **69002E** is the 20% darker color. If you saturate the color by 10%, you get **A30056**, and if you desaturate by 10%, it is **A31B63**.

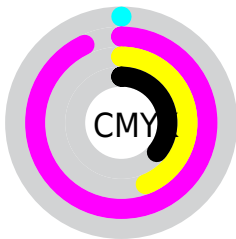
# Distribution



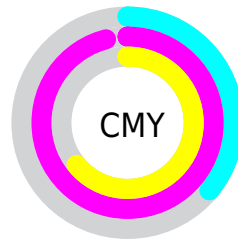
- Red (64%)
- Green (4%)
- Blue (36%)



- Red (64%)
- Yellow (4%)
- Blue (36%)



- Cyan (0%)
- Magenta (93%)
- Yellow (44%)
- Black (36%)



- Cyan (36%)
- Magenta (96%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A30B5B 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 A30B5B by changing the saturation by 10% instead.





A30B5B



A30B5B

FFFFFF



860044



DF518D



69002E



FD6EA7



4D0019



FF8AC2



330002



FFA6DE



000000



FFC3FB



FFE0FF



FFFEFF



A30B5B



A30B5B

 A30056

 A31B63

 A32C6A

 A33C72

 A34C7A

 A35D82

 A36D89

 A37D91

 A38D99

 A39EA0

# Harmonies

## Analogous

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



872C89



A30B5B



A31B2C

# Triad

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



A30B5B



3C5D00



0065A4

# Complementary

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



A30B5B



0BA353

# 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.



00687E



A30B5B



006418

# Square

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



A30B5B



6B5000



00674D



005CB5

# Rectangle

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



A30B5B



97310A



00674D



00669A



# Sweetspot

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



A30B5B



D498B8



520BA3



6B475A



EBEBEB



6B6B6B



# Same Dimension

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



A30B5B



D4006F



A30B10



52494E



91004C



120009



# Inverse Universe

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



A30B5B



D4006F



0BA39E



52494E



91004D



120009



# Previews

## White Background



This preview shows how the Hex color A30B5B looks on a white background.

## Color Contrast Check

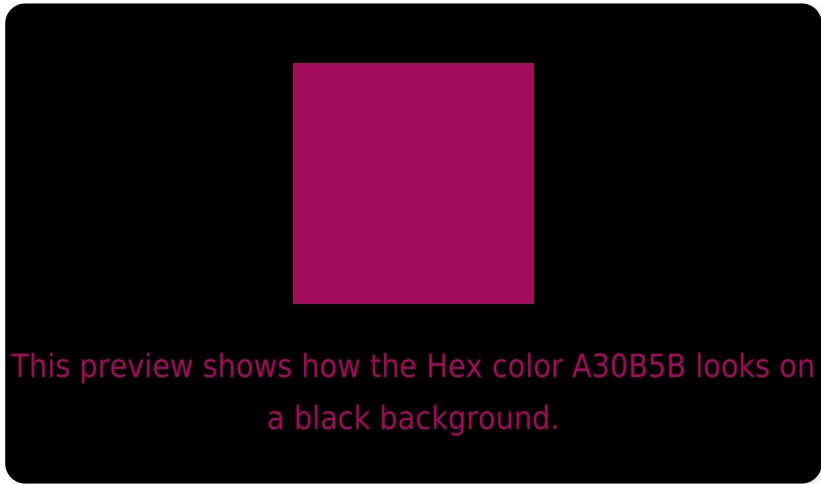
Large Text (above 18pt) WCAG AA ✓ Pass

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 A30B5B Background



This preview shows how black text looks on a background with the Hex color A30B5B.



This preview shows how white text looks on a background with the Hex color A30B5B.

# 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**  
A02526

# Trichromacy



**Original Color**  
A30B5B

**Protanomaly**  
683974

**Deuteranomaly**  
783957

**Tritanomaly**  
A11C39

# Monochromacy



**Original Color**  
A30B5B

**Achromatopsia**  
424242

**Achromatomaly**  
652E4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A30B5B 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 #A30B5B looks like.

```
.text, #text, p{  
    color:#A30B5B  
}
```

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 #A30B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A30B5B
}
```

## Border

The CSS property to change the border of an element to Hex A30B5B 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
#A30B5B }
```

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

```
.border{ border-color:#A30B5B }
```

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

Here you see how a box with a 4 pixel #A30B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A30B5B; -webkit-box-shadow:4px 4px  
4px 4px #A30B5B; box-shadow:4px 4px 4px  
4px #A30B5B }
```

# Background

The CSS property to change the background color of an element to Hex A30B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A30B5B }
```

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

```
.background{ background-color:#A30B5B }
```

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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