

Converting Colors

Hex(B0095A)

Have a look what the booklet for
Hex(B0095A) contains.

Hex(B0095A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0095A)

Conversions

Conversions Part 1

Format	Color
Hex	B0095A
RGB	176, 9, 90
RGB Percent	69%, 4%, 35%
CMY	0.3098, 0.9647, 0.6471
CMYK	0.00, 0.95, 0.49, 0.31
HSL	331°, 90%, 36%
HSV	331°, 95%, 69%
XYZ	19.8476, 10.1637, 10.5886
YIQ	68.1670, 73.5310, 60.5950

Conversions

Conversions Part 2

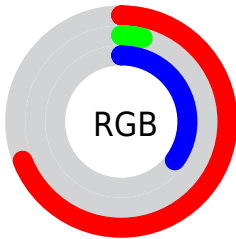
Format	Color
R_{YB}	176, 9, 90
Decimal	11536730
CIE _{Lab}	38.13, 63.30, 1.36
CIE _{LCh}	38, 63.314, 1.234
Yxy	10.1637, 0.4889, 0.2503
Android (android.graphics.Color)	4289726810 (0xFFB0095A)
YUV	68.1670, 10.7637, 94.5695
Hunter-Lab	31.8805, 55.3367, 2.6242

Details

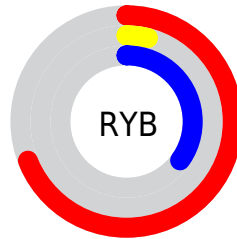
The Hex color **B0095A** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **09B05F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **ED548C**, and **75002D** is the 20% darker color. If you saturate the color by 10%, you get **B00055**, and if you desaturate by 10%, it is **B01B63**.

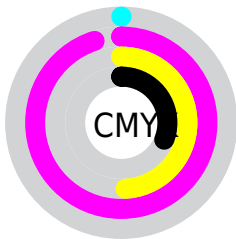
Distribution



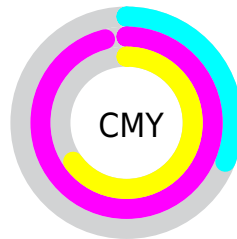
- Red (69%)
- Green (4%)
- Blue (35%)



- Red (69%)
- Yellow (4%)
- Blue (35%)



- Cyan (0%)
- Magenta (95%)
- Yellow (49%)
- Black (31%)



- Cyan (31%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0095A 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 B0095A by changing the saturation by 10% instead.

 B0095A

 B0095A

FFFFFF

 920043

 ED548C

 75002D

 FF70A6

 580019

 FF8DC1

 3D0003

 FFA9DD

 190001

 FFC6FA

 000000

 FFE4FF

 B0095A

 B0095A

 B00055

 B01B63

 B02C6C

 B03E75

 B04F7E

 B06187

 B07390

 B08499

 B096A3

 B0A7AC

Harmonies

Analogous

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



972B8C



B0095A



AC2328

Triad

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



B0095A



376600



006BB4

Complementary

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



B0095A



09B05F

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.



006F8E



B0095A



006C24

Square

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



B0095A



6C5900



006F5B



0060C2

Rectangle

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



B0095A



9D3900



006F5B



006DAA

Sweetspot

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



B0095A



E6A5C4



5D09B0



734C5F



F2F2F2



737373

Same Dimension

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



B0095A



E6006F



B00909



595055



99004A



1A000C

Inverse Universe

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



B0095A



E6006F



09B0B0



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color B0095A looks on a white background.

Color Contrast Check

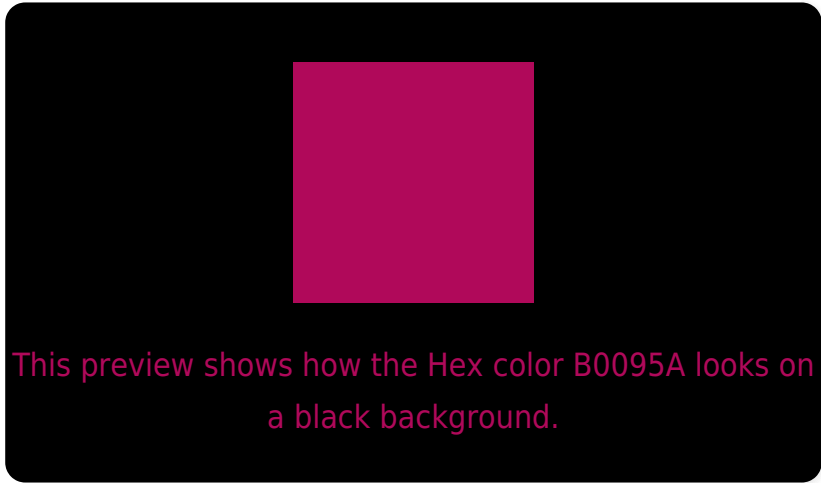
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0095A Background



This preview shows how black text looks on a background with the Hex color B0095A.



This preview shows how white text looks on a background with the Hex color B0095A.

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
B0095A

Protanopia
505B82

Deuteranopia
685953

Trichromacy



Original Color
B0095A



Protanomaly
733D73



Deuteranomaly
823C56



Tritanomaly
AE1A38

Monochromacy



Original Color
B0095A



Achromatopsia
444444



Achromatomaly
6B2F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex B0095A 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 #B0095A looks like.

```
.text, #text, p{  
    color:#B0095A  
}
```

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 #B0095A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0095A
}
```

Border

The CSS property to change the border of an element to Hex B0095A 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
#B0095A }
```

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

```
.border{ border-color:#B0095A }
```

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

Here you see how a box with a 4 pixel #B0095A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0095A; -webkit-box-shadow:4px 4px  
4px 4px #B0095A; box-shadow:4px 4px 4px  
4px #B0095A }
```

Background

The CSS property to change the background color of an element to Hex B0095A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0095A }
```

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

```
.background{ background-color:#B0095A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor