

Converting Colors

Hex(A90CB4)

Have a look what the booklet for
Hex(A90CB4) contains.

Hex(A90CB4)	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(A90CB4)

Conversions

Conversions Part 1

Format	Color
Hex	A90CB4
RGB	169, 12, 180
RGB Percent	66%, 5%, 71%
CMY	0.3373, 0.9529, 0.2941
CMYK	0.06, 0.93, 0.00, 0.29
HSL	296°, 88%, 38%
HSV	296°, 93%, 71%
XYZ	24.7319, 11.9932, 44.1914
YIQ	78.0950, 39.6440, 85.5320

Conversions

Conversions Part 2

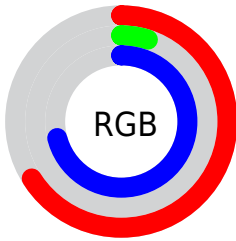
Format	Color
RYB	169, 12, 180
Decimal	11078836
CIELab	41.21, 72.63, -49.45
CIELCh	41, 87.869, 325.754
Yxy	11.9932, 0.3056, 0.1482
Android (android.graphics.Color)	4289268916 (0xFFA90CB4)
YUV	78.0950, 50.2392, 79.7237
Hunter-Lab	34.6313, 66.8708, -51.4155

Details

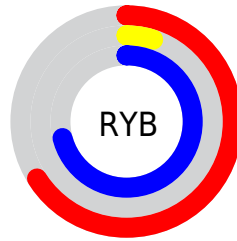
The Hex color **A90CB4** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **17B40C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **E458ED**, and **70007E** is the 20% darker color. If you saturate the color by 10%, you get **A800B4**, and if you desaturate by 10%, it is **AA1EB4**.

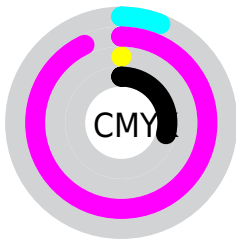
Distribution



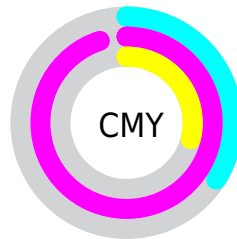
- Red (66%)
- Green (5%)
- Blue (71%)



- Red (66%)
- Yellow (5%)
- Blue (71%)



- Cyan (6%)
- Magenta (93%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (95%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color A90CB4 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 A90CB4 by changing the saturation by 10% instead.

 A90CB4

 A90CB4

FFFFFF

 8C0099

 E458ED

 70007E

 FF75FF

 540065

 FF92FF

 3A004C

 FFAFFF

 1C0034

 FFC0FF

 00021E

 FFEAFF

 000000

 A90CB4

 A90CB4

 A800B4

 AA1EB4

 AB30B4

 AD42B4

 AE54B4

 AF66B4

 B078B4

 B18AB4

 B29CB4

 B4AEB4

Harmonies

Analogous

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



0B53E6



A90CB4



D4006F

Triad

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



A90CB4



805B00



007D9F

Complementary

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



A90CB4



17B40C

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.



007B54



A90CB4



376F00

Square

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



A90CB4



B43400



007800



007BDA

Rectangle

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



A90CB4



D70040



007800



007D87

Sweetspot

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



A90CB4



E6A9EB



0C17B4



734D75



F5F5F5



757575

Same Dimension

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



A90CB4



DB00EB



B40C6B



595059



8F0099



18001A

Inverse Universe

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



B40C17



EB000F



0CB455



595051



99000A



1A0002

Previews

White Background



This preview shows how the Hex color A90CB4 looks on a white background.

Color Contrast Check

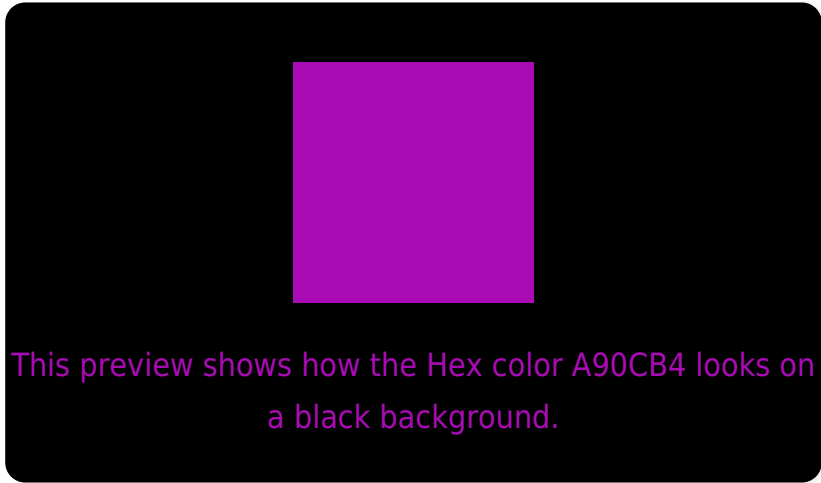
Large Text (above 18pt) WCAG AA ✓ Pass

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

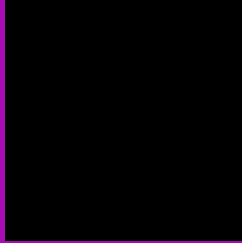
Any Text WCAG AA × Fail

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 A90CB4 Background



This preview shows how black text looks on a background with the Hex color A90CB4.

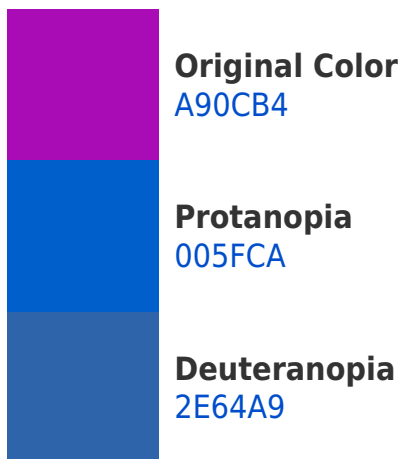



This preview shows how white text looks on a background with the Hex color A90CB4.

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
9D474C

Trichromacy



Original Color
A90CB4



Protanomaly
3D41C2



Deuteranomaly
5B44AD



Tritanomaly
A13272

Monochromacy



Original Color
A90CB4



Achromatopsia
4E4E4E



Achromatomaly
6F3673

CSS Examples

Text

The CSS property to change the color of the text to Hex A90CB4 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 #A90CB4 looks like.

```
.text, #text, p{  
    color:#A90CB4  
}
```

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 #A90CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A90CB4
}
```

Border

The CSS property to change the border of an element to Hex A90CB4 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
#A90CB4 }
```

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

```
.border{ border-color:#A90CB4 }
```

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

Here you see how a box with a 4 pixel #A90CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A90CB4; -webkit-box-shadow:4px 4px  
4px 4px #A90CB4; box-shadow:4px 4px 4px  
4px #A90CB4 }
```

Background

The CSS property to change the background color of an element to Hex A90CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A90CB4 }
```

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

```
.background{ background-color:#A90CB4 }
```

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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