

# Converting Colors

Hex(A188A5)

Have a look what the booklet for  
Hex(A188A5) contains.

<b>Hex(A188A5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A188A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A188A5
RGB	161, 136, 165
RGB Percent	63%, 53%, 65%
CMY	0.3686, 0.4667, 0.3529
CMYK	0.02, 0.18, 0.00, 0.35
HSL	292°, 14%, 59%
HSV	292°, 18%, 65%
XYZ	30.2936, 27.9020, 39.3863
YIQ	146.7810, 5.5910, 14.3190

# Conversions

## Conversions Part 2

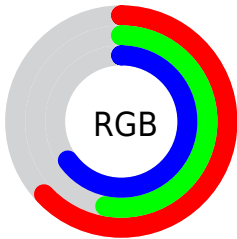
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 136, 165
Decimal	10586277
CIE <sub>Lab</sub>	59.80, 14.81, -11.81
CIE <sub>LCh</sub>	60, 18.948, 321.431
Yxy	27.9020, 0.3104, 0.2859
Android (android.graphics.Color)	4288776357 (0xFFFA188A5)
YUV	146.7810, 8.9820, 12.4701
Hunter-Lab	52.8223, 9.9307, -7.2332

# Details

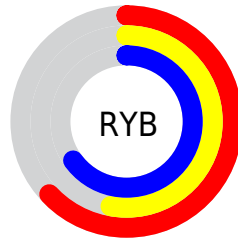
The Hex color **A188A5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **8CA588**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D8BDDC**, and **6D5671** is the 20% darker color. If you saturate the color by 10%, you get **9F77A5**, and if you desaturate by 10%, it is **A398A5**.

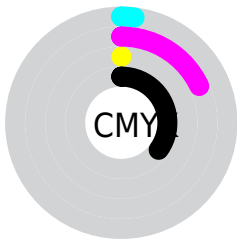
# Distribution



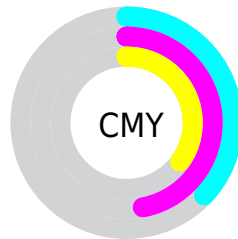
- Red (63%)
- Green (53%)
- Blue (65%)



- Red (63%)
- Yellow (53%)
- Blue (65%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (47%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A188A5 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 A188A5 by changing the saturation by 10% instead.





A188A5



A188A5

FFFFFF



876F8B



D8BDDC



6D5671



F4D9F9



553F59



FFF6FF



3D2941



27142B



140017



000000



A188A5



A188A5



9F77A5



A398A5

9C67A5

A6A9A5

9A56A5

A8BAA5

9846A5

AACAA5

9635A5

ACDAA5

9325A5

AFEBA5

9115A5

B1FBA5

8F04A5

B3FFA5

8E00A5

B5FFA5

# Harmonies

## Analogous

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



8D8DAF



A188A5



AE8596

# Triad

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



A188A5



A18D6F



62999C

# Complementary

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



A188A5



8CA588

# 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.



6C998B



A188A5



909371

# Square

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



A188A5



AE8877



7D977B



6697AA

# Rectangle

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



A188A5



B2848A



7D977B



649A96



# Sweetspot

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



A188A5



D5CBD6



888CA5



6A656B



EBEBEB



6B6B6B



# Same Dimension

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



A188A5



D0A9D6



A5889B



504952



7D0091



0F0012



# Inverse Universe

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



A5888C



D6A9AF



88A592



52494B



910014

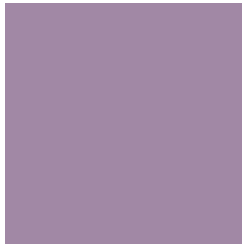


120002



# Previews

## White Background



This preview shows how the Hex color A188A5 looks on a white background.

## Color Contrast Check

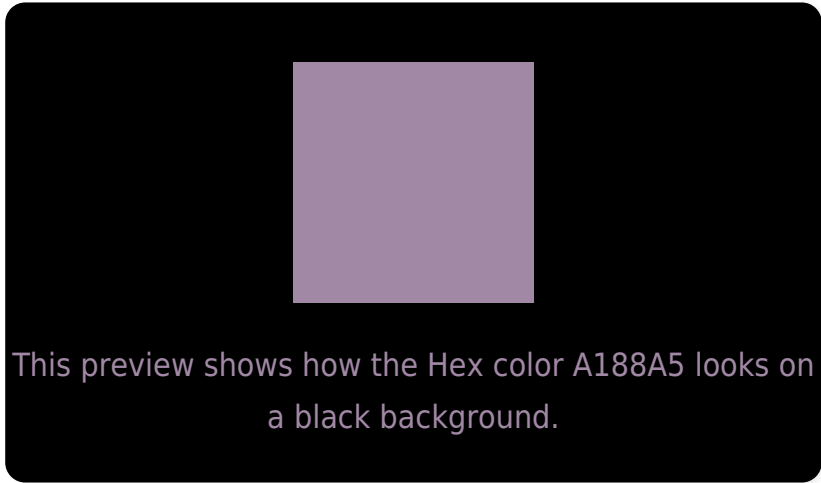
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

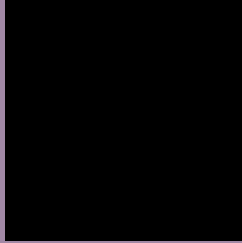
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A188A5 Background



This preview shows how black text looks on a background with the Hex color A188A5.



This preview shows how white text looks on a background with the Hex color A188A5.

# 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**  
A188A5

**Protanopia**  
8B8FAA

**Deuteranopia**  
958DA4



**Tritanopia**  
9F8B96

# Trichromacy



**Original Color**  
A188A5

**Protanomaly**  
938CA8

**Deuteranomaly**  
998BA4

**Tritanomaly**  
A08A9B

# Monochromacy



**Original Color**  
A188A5

**Achromatopsia**  
939393

**Achromatomaly**  
988F9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A188A5 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 #A188A5 looks like.

```
.text, #text, p{  
    color:#A188A5  
}
```

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 #A188A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A188A5
}
```

## Border

The CSS property to change the border of an element to Hex A188A5 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
#A188A5 }
```

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

```
.border{ border-color:#A188A5 }
```

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

Here you see how a box with a 4 pixel #A188A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A188A5; -webkit-box-shadow:4px 4px  
4px 4px #A188A5; box-shadow:4px 4px 4px  
4px #A188A5 }
```

# Background

The CSS property to change the background color of an element to Hex A188A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A188A5 }
```

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

```
.background{ background-color:#A188A5 }
```

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