

Converting Colors

Hex(A83567)

Have a look what the booklet for
Hex(A83567) contains.

Hex(A83567)	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(A83567)

Conversions

Conversions Part 1

Format	Color
Hex	A83567
RGB	168, 53, 103
RGB Percent	66%, 21%, 40%
CMY	0.3412, 0.7922, 0.5961
CMYK	0.00, 0.68, 0.39, 0.34
HSL	334°, 52%, 43%
HSV	334°, 68%, 66%
XYZ	19.8697, 11.8503, 14.0721
YIQ	93.0850, 52.4900, 39.9300

Conversions

Conversions Part 2

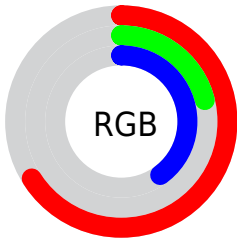
Format	Color
R_{YB}	168, 53, 103
Decimal	11023719
CIE _{Lab}	40.98, 51.16, -2.88
CIE _{LCh}	41, 51.238, 356.776
Yxy	11.8503, 0.4339, 0.2588
Android (android.graphics.Color)	4289213799 (0xFFA83567)
YUV	93.0850, 4.8881, 65.7005
Hunter-Lab	34.4243, 42.7879, -0.1397

Details

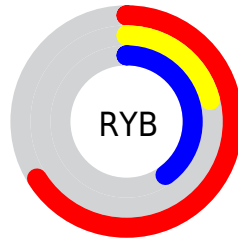
The Hex color **A83567** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **35A876**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E36B9A**, and **6F0038** is the 20% darker color. If you saturate the color by 10%, you get **A8245E**, and if you desaturate by 10%, it is **A84670**.

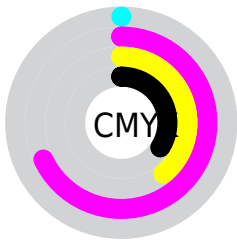
Distribution



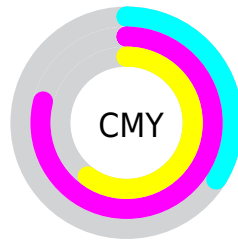
- Red (66%)
- Green (21%)
- Blue (40%)



- Red (66%)
- Yellow (21%)
- Blue (40%)



- Cyan (0%)
- Magenta (68%)
- Yellow (39%)
- Black (34%)



- Cyan (34%)
- Magenta (79%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color A83567 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 A83567 by changing the saturation by 10% instead.

 A83567

 A83567

FFFFFF

 8B154F

 E36B9A

 6F0038

 FF87B5

 540023

 FFA2D0

 3B000D

 FFBFEC

 190001

 FFDBFF

 000000

 FFF8FF

 A83567

 A83567

 A8245E

 A84670

 A81354

 A8577A

 A8034B

 A86783

 A80049

 A8788D

 A88996

 A89AA0

 A8ABA9

 A8BBB3

 A8CCBC

Harmonies

Analogous

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



8E438F



A83567



A93A3D

Triad

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



A83567



506904



0070A7

Complementary

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



A83567



35A876

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.



007485



A83567



007030

Square

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



A83567



785D00



00735B



0067B5

Rectangle

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



A83567



9F4624



00735B



00729D

Sweetspot

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



A83567



DBADC1



7435A8



6E525E



EDEDED



6E6E6E

Same Dimension

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



A83567



DB2776



A83B35



544C4F



940040



140009

Inverse Universe

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



A83567



DB2776



35A2A8



544C4F



940040



140009

Previews

White Background



This preview shows how the Hex color A83567 looks on a white background.

Color Contrast Check

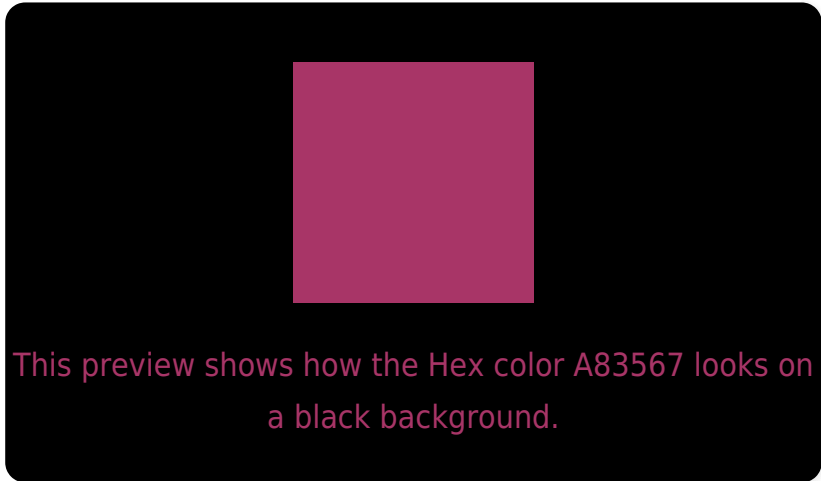
Large Text (above 18pt) WCAG AA ✓ Pass

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 A83567 Background



This preview shows how black text looks on a background with the Hex color A83567.

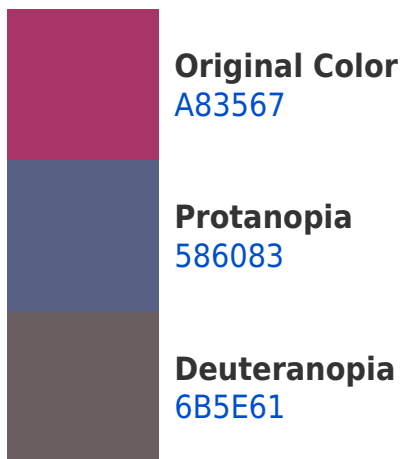



This preview shows how white text looks on a background with the Hex color A83567.

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
A53E42

Trichromacy



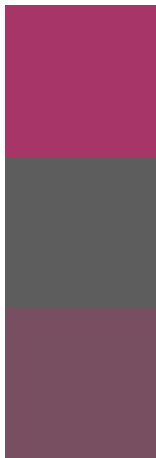
Original Color
A83567

Protanomaly
755079

Deuteranomaly
814F63

Tritanomaly
A63B4F

Monochromacy



Original Color
A83567

Achromatopsia
5D5D5D

Achromatomaly
784E61

CSS Examples

Text

The CSS property to change the color of the text to Hex A83567 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 #A83567 looks like.

```
.text, #text, p{  
    color:#A83567  
}
```

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 #A83567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83567
}
```

Border

The CSS property to change the border of an element to Hex A83567 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
#A83567 }
```

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

```
.border{ border-color:#A83567 }
```

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

Here you see how a box with a 4 pixel #A83567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83567; -webkit-box-shadow:4px 4px  
4px 4px #A83567; box-shadow:4px 4px 4px  
4px #A83567 }
```

Background

The CSS property to change the background color of an element to Hex A83567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83567 }
```

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

```
.background{ background-color:#A83567 }
```

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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