

# Converting Colors

Hex(A35687)

Have a look what the booklet for  
Hex(A35687) contains.

<b>Hex(A35687)</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(A35687)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A35687
RGB	163, 86, 135
RGB Percent	64%, 34%, 53%
CMY	0.3608, 0.6627, 0.4706
CMYK	0.00, 0.47, 0.17, 0.36
HSL	322°, 31%, 49%
HSV	322°, 47%, 64%
XYZ	22.8052, 16.1914, 24.8450
YIQ	114.6090, 30.1630, 31.5630

# Conversions

## Conversions Part 2

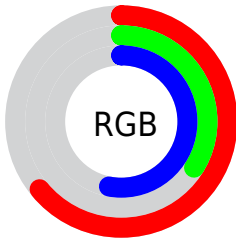
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 86, 135
Decimal	10704519
CIE <sub>Lab</sub>	47.22, 38.18, -13.21
CIE <sub>LCh</sub>	47, 40.396, 340.917
Yxy	16.1914, 0.3572, 0.2536
Android (android.graphics.Color)	4288894599 (0xFFA35687)
YUV	114.6090, 10.0528, 42.4389
Hunter-Lab	40.2385, 30.7477, -8.4412

# Details

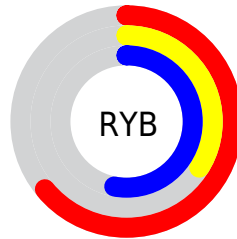
The Hex color **A35687** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **56A372**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **DB8ABC**, and **6D2455** is the 20% darker color. If you saturate the color by 10%, you get **A34681**, and if you desaturate by 10%, it is **A3668D**.

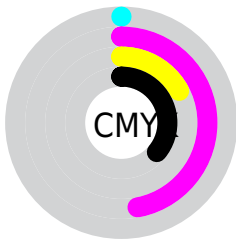
# Distribution



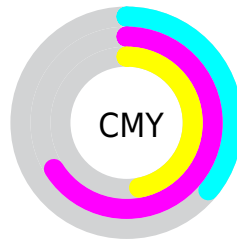
- Red (64%)
- Green (34%)
- Blue (53%)



- Red (64%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (47%)
- Yellow (17%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A35687 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 A35687 by changing the saturation by 10% instead.



 A35687

 A35687

FFFFFF

 883D6E

 DB8ABC

 6D2455

 F9A5D8

 53073E

 FFC1F5

 3A0028

 FFDDFF

 240013

 FFFAFF

 000000

 A35687

 A35687

 A34681

 A3668D

 A3357B

 A37793

 A32575

 A38799

 A3156F

 A3979F

 A30469

 A3A8A5

 A30068

 A3B8AB

 A3C8B0

 A3D8B6

 A3E9BC

# Harmonies

## Analogous

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



8362A4



A35687



AF5365

# Triad

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



A35687



78722A



007F9C

# Complementary

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



A35687



56A372

# 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.



00817C



A35687



527B3A

# Square

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



A35687



95662F



177F59



007AB0

# Rectangle

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



A35687



AD564F



177F59



008092



# Sweetspot

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



A35687



D4B6C9



7156A3



6B5964



EBEBEB



6B6B6B



# Same Dimension

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



A35687



D45BA8



A35662



52494F



91005C



12000B



# Inverse Universe

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



A35687



D45BA8



56A397



52494F



91005C

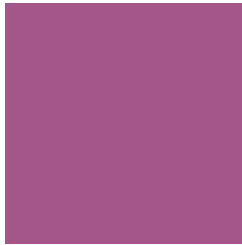


12000B



# Previews

## White Background



This preview shows how the Hex color A35687 looks on a white background.

## Color Contrast Check

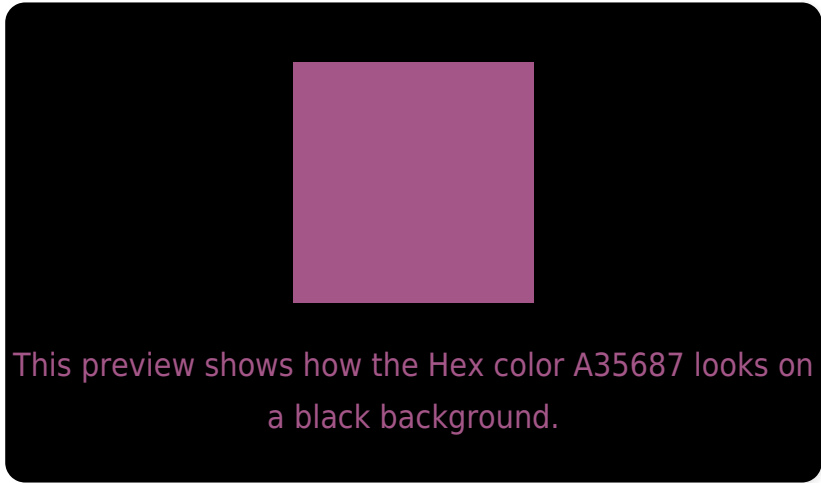
Large Text (above 18pt) WCAG AA ✓ Pass

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

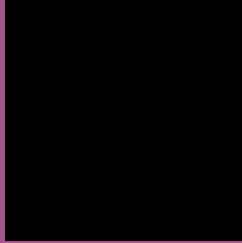
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A35687 Background



This preview shows how black text looks on a background with the Hex color A35687.



This preview shows how white text looks on a background with the Hex color A35687.

# 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**  
9F5D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A35687 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 #A35687 looks like.

```
.text, #text, p{  
    color:#A35687  
}
```

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 #A35687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A35687
}
```

## Border

The CSS property to change the border of an element to Hex A35687 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
#A35687 }
```

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

```
.border{ border-color:#A35687 }
```

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

Here you see how a box with a 4 pixel #A35687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A35687; -webkit-box-shadow:4px 4px  
4px 4px #A35687; box-shadow:4px 4px 4px  
4px #A35687 }
```

# Background

The CSS property to change the background color of an element to Hex A35687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A35687 }
```

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

```
.background{ background-color:#A35687 }
```

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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