

Converting Colors

Hex(A12346)

Have a look what the booklet for
Hex(A12346) contains.

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Color

Hex(A12346)

Conversions

Conversions Part 1

Format	Color
Hex	A12346
RGB	161, 35, 70
RGB Percent	63%, 14%, 27%
CMY	0.3686, 0.8627, 0.7255
CMYK	0.00, 0.78, 0.57, 0.37
HSL	343°, 64%, 38%
HSV	343°, 78%, 63%
XYZ	16.4045, 9.2213, 6.7096
YIQ	76.6640, 63.8610, 37.5970

Conversions

Conversions Part 2

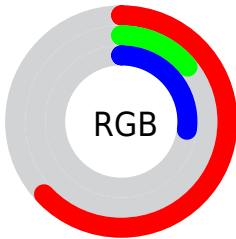
Format	Color
R _Y B	161, 35, 70
Decimal	10560326
CIE Lab	36.41, 52.49, 11.36
CIE LCh	36, 53.707, 12.211
Yxy	9.2213, 0.5073, 0.2852
Android (android.graphics.Color)	4288750406 (0xFFFA12346)
YUV	76.6640, -3.2854, 73.9627
Hunter-Lab	30.3666, 43.2865, 8.1563

Details

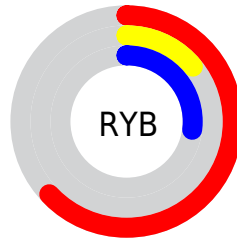
The Hex color **A12346** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **23A17E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **DD5C76**, and **67001B** is the 20% darker color. If you saturate the color by 10%, you get **A1133A**, and if you desaturate by 10%, it is **A13352**.

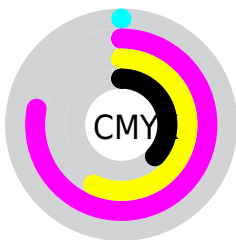
Distribution



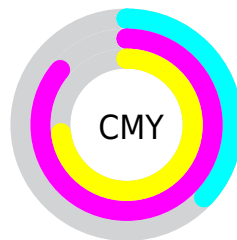
- Red (63%)
- Green (14%)
- Blue (27%)



- Red (63%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (78%)
- Yellow (57%)
- Black (37%)



- Cyan (37%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A12346 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 A12346 by changing the saturation by 10% instead.

 A12346

 A12346

FFFFFF

 840030

 DD5C76

 67001B

 FB7790

 4B0000

 FF93AA

 300002

 FFAFC5

 000000

 FFCBE1

 FFE8FE

 A12346

 A12346

 A1133A

 A13352

■ A1032F

■ A1435D

■ A1002D

■ A15369

■ A16375

■ A17480

■ A1848C

■ A19497

■ A1A4A3

■ A1B4AF

Harmonies

Analogous

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



952A71



A12346



97351D

Triad

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



A12346



246209



0062A8

Complementary

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



A12346



23A17E

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.



00678F



A12346



00673A

Square

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



A12346



585900



006967



0055AB

Rectangle

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



A12346



874400



006967



0064A2

Sweetspot

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



A12346



D1A1AE



7D23A1



694B53



E8E8E8



696969

Same Dimension

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



A12346



D10D43



A13E23



52494C



910028



120005

Inverse Universe

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



A12346



D10D43



2386A1



52494C



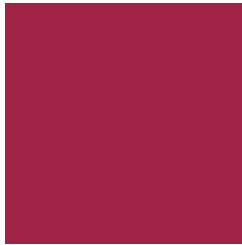
910028



120005

Previews

White Background



This preview shows how the Hex color A12346 looks on a white background.

Color Contrast Check

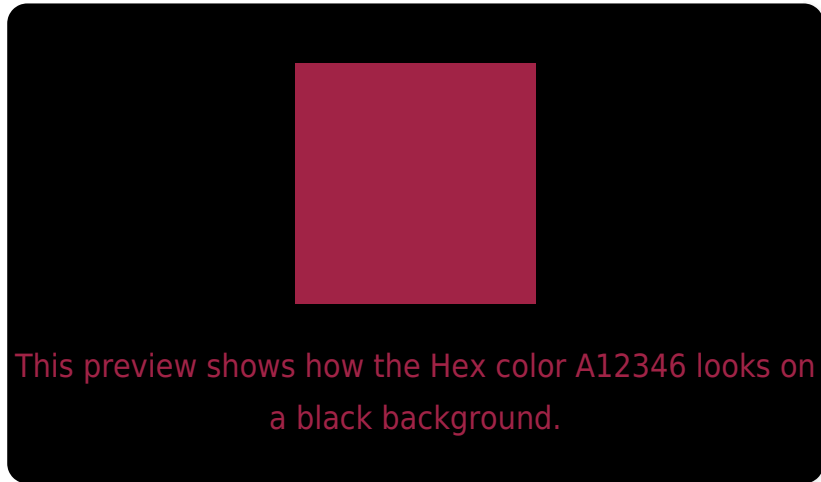
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

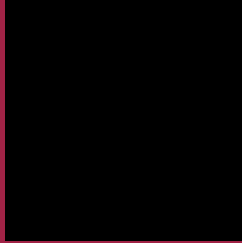
Any Text WCAG AA × Fail

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 A12346 Background



This preview shows how black text looks on a background with the Hex color A12346.



This preview shows how white text looks on a background with the Hex color A12346.

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
A12346

Protanopia
56565F

Deuteranopia
675340

Trichromacy



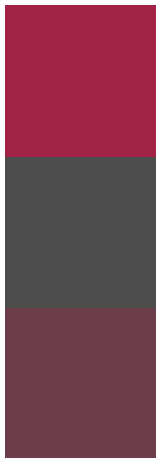
Original Color
A12346

Protanomaly
714356

Deuteranomaly
7C4242

Tritanomaly
A02735

Monochromacy



Original Color
A12346

Achromatopsia
4D4D4D

Achromatomaly
6C3E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex A12346 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 #A12346 looks like.

```
.text, #text, p{  
    color:#A12346  
}
```

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 #A12346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12346
}
```

Border

The CSS property to change the border of an element to Hex A12346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

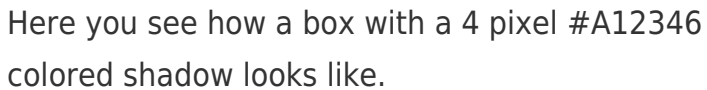
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A12346 }
```

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

```
.border{ border-color:#A12346 }
```

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



Here you see how a box with a 4 pixel `#A12346` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12346; -webkit-box-shadow:4px 4px  
4px 4px #A12346; box-shadow:4px 4px 4px  
4px #A12346 }
```

Background

The CSS property to change the background color of an element to Hex A12346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12346 }
```

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

```
.background{ background-color:#A12346 }
```

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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