

# Converting Colors

Hex(A02546)

Have a look what the booklet for  
Hex(A02546) contains.

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# Color

**Hex(A02546)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A02546
RGB	160, 37, 70
RGB Percent	63%, 15%, 27%
CMY	0.3725, 0.8549, 0.7255
CMYK	0.00, 0.77, 0.56, 0.37
HSL	344°, 62%, 39%
HSV	344°, 77%, 63%
XYZ	16.2643, 9.2389, 6.7204
YIQ	77.5390, 62.7150, 36.3390

# Conversions

## Conversions Part 2

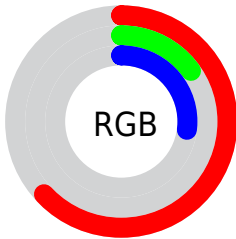
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 37, 70
Decimal	10495302
CIELab	36.44, 51.55, 11.38
CIElCh	36, 52.793, 12.443
Yxy	9.2389, 0.5047, 0.2867
Android (android.graphics.Color)	4288685382 (0xFFA02546)
YUV	77.5390, -3.7167, 72.3183
Hunter-Lab	30.3956, 42.3206, 8.1680

# Details

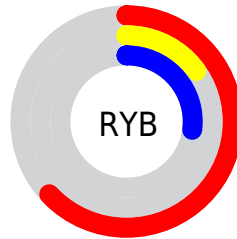
The Hex color **A02546** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **25A07F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **DC5D76**, and **66001B** is the 20% darker color. If you saturate the color by 10%, you get **A0153A**, and if you desaturate by 10%, it is **A03552**.

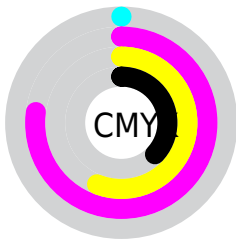
# Distribution



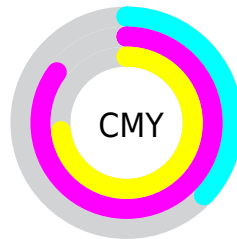
- Red (63%)
- Green (15%)
- Blue (27%)



- Red (63%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (56%)
- Black (37%)



- Cyan (37%)
- Magenta (85%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A02546 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 A02546 by changing the saturation by 10% instead.



 A02546

 A02546

FFFFFF

 830030

 DC5D76

 66001B

 FA7990

 4A0000

 FF94AA

 2F0002

 FFB0C5

 000000

 FFCCE1

 FFE9FE

 A02546

 A02546

 A0153A

 A03552

 A0052F

 A0455D

 A0002B

 A05569

 A06575

 A07581

 A0858C

 A09598

 A0A5A4

 A0B5AF

# Harmonies

## Analogous

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



942B70



A02546



96361E

# Triad

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



A02546



25620C



0061A7

# Complementary

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



A02546



25A07F

# 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.



00678E



A02546



00673A

# Square

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



A02546



585900



006967



0055A9

# Rectangle

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



A02546



864400



006967



0064A1



# Sweetspot

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



A02546



D1A1AE



7D25A0



694B53



E8E8E8



696969



# Same Dimension

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



A02546



D11144



A04025



4F4749



8F0026



0F0004



# Inverse Universe

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



A02546



D11144



2585A0



4F4749



8F0026

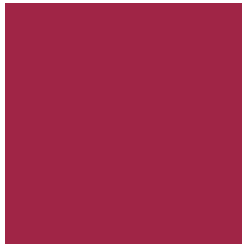


0F0004



# Previews

## White Background



This preview shows how the Hex color A02546 looks on a white background.

## Color Contrast Check

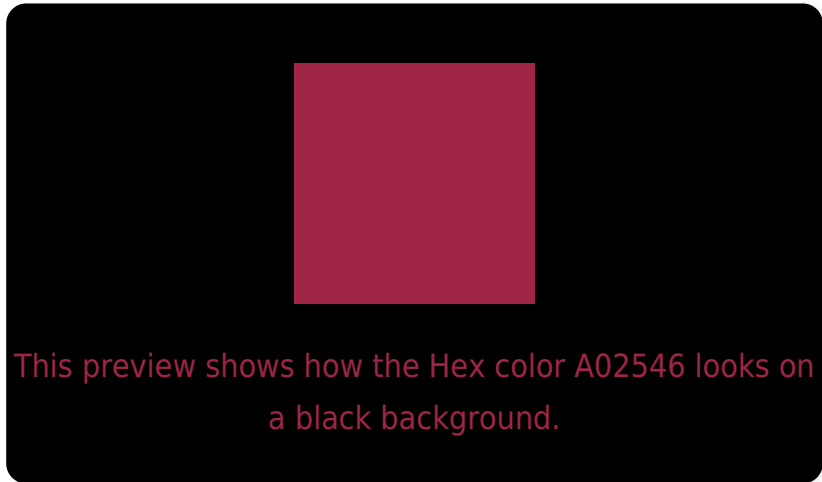
Large Text (above 18pt) WCAG AA ✓ Pass

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

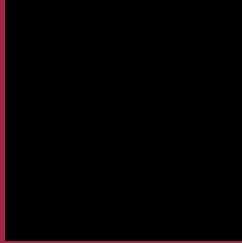
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A02546 Background



This preview shows how black text looks on a background with the Hex color A02546.



This preview shows how white text looks on a background with the Hex color A02546.

# 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**  
A02546

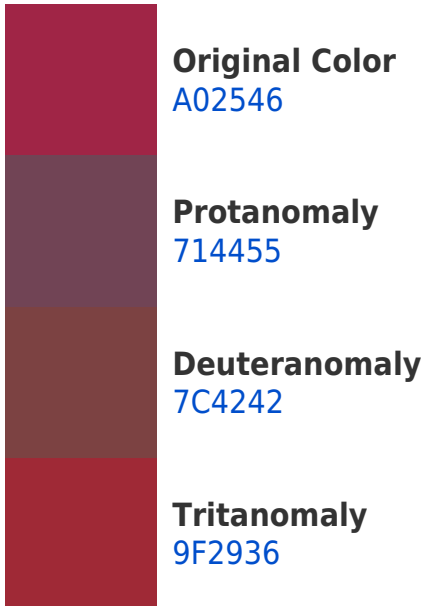
**Protanopia**  
56565E

**Deuteranopia**  
675340



**Tritanopia**  
9F2B2D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A02546 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 #A02546 looks like.

```
.text, #text, p{  
    color:#A02546  
}
```

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 #A02546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02546
}
```

## Border

The CSS property to change the border of an element to Hex A02546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

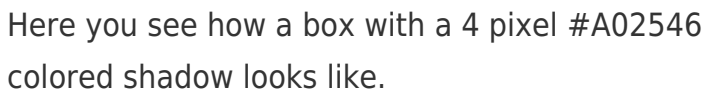
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A02546 }
```

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

```
.border{ border-color:#A02546 }
```

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



Here you see how a box with a 4 pixel #A02546 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02546; -webkit-box-shadow:4px 4px  
4px 4px #A02546; box-shadow:4px 4px 4px  
4px #A02546 }
```

# Background

The CSS property to change the background color of an element to Hex A02546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02546 }
```

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

```
.background{ background-color:#A02546 }
```

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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