

# Converting Colors

Hex(A12760)

Have a look what the booklet for  
Hex(A12760) contains.

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**Color**

**Hex(A12760)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A12760                    |
| RGB           | 161, 39, 96               |
| RGB Percent   | 63%, 15%, 38%             |
| CMY           | 0.3686, 0.8471, 0.6235    |
| CMYK          | 0.00, 0.76, 0.40, 0.37    |
| HSL           | 332°, 61%, 39%            |
| HSV           | 332°, 76%, 63%            |
| XYZ           | 17.5348, 9.8726, 12.0478  |
| YIQ           | 81.9760, 54.4150, 43.5910 |

# Conversions

## Conversions Part 2

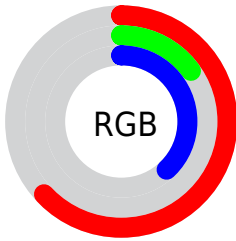
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 161, 39, 96                  |
| Decimal                             | 10561376                     |
| CIE <sub>Lab</sub>                  | 37.61, 53.55, -3.58          |
| CIE <sub>LCh</sub>                  | 38, 53.666, 356.175          |
| Yxy                                 | 9.8726, 0.4444,<br>0.2502    |
| Android<br>(android.graphics.Color) | 4288751456<br>(0xFFA12760)   |
| YUV                                 | 81.9760, 6.9138,<br>69.3040  |
| Hunter-Lab                          | 31.4207, 44.6281,<br>-0.7392 |

# Details

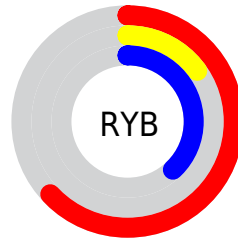
The Hex color **A12760** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **27A168**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **DC6092**, and **680032** is the 20% darker color. If you saturate the color by 10%, you get **A11757**, and if you desaturate by 10%, it is **A13769**.

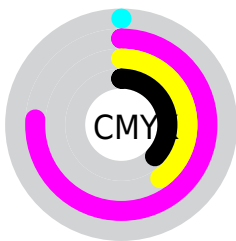
# Distribution



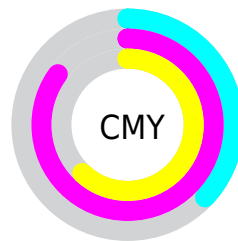
- Red (63%)
- Green (15%)
- Blue (38%)



- Red (63%)
- Yellow (15%)
- Blue (38%)



- Cyan (0%)
- Magenta (76%)
- Yellow (40%)
- Black (37%)



- Cyan (37%)
- Magenta (85%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A12760 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 A12760 by changing the saturation by 10% instead.



 A12760

 A12760

FFFFFF

 840048

 DC6092

 680032

 FA7BAD

 4D001D

 FF97C8

 340002

 FFB3E4

 000000

 FFCFFF

 FFECFF

 A12760

 A12760

 A11757

 A13769

 A1074F

 A14771

 A1004B

 A1577A

 A16782

 A1788B

 A18893

 A1989C

 A1A8A5

 A1B8AD

# Harmonies

## Analogous

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



863989



A12760



A22D35

# Triad

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



A12760



476100



0068A0

# Complementary

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



A12760



27A168

# 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.



006C7E



A12760



006824

# Square

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



A12760



705500



006B51



0060B0

# Rectangle

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



A12760



983B1A



006B51



006A97



# Sweetspot

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



A12760



D1A1B7



6627A1



694B59



E8E8E8



696969



# Same Dimension

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



A12760



D1136C



A12927



52494D



910044



120008



# Inverse Universe

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



A12760



D1136C



279FA1



52494D



910044



120008



# Previews

## White Background



This preview shows how the Hex color A12760 looks on a white background.

## Color Contrast Check

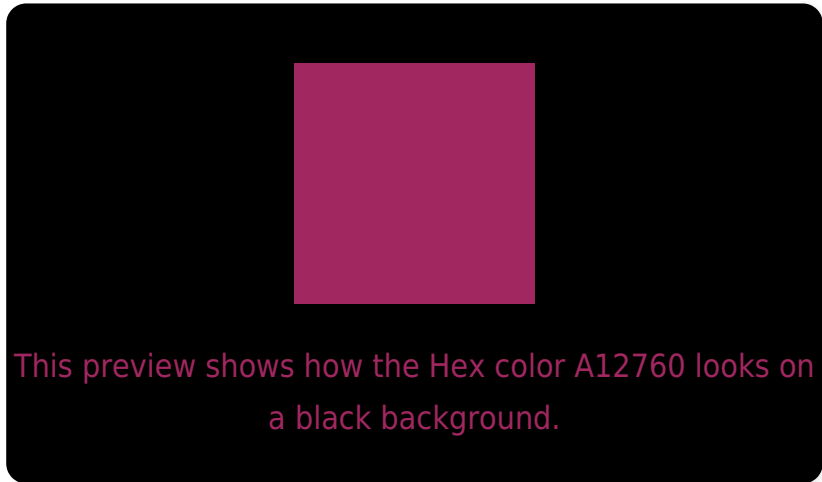
Large Text (above 18pt) WCAG AA ✓ Pass

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 A12760 Background



This preview shows how black text looks on a background with the Hex color A12760.




This preview shows how white text looks on a background with the Hex color A12760.

# 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**  
9E3336

# Trichromacy



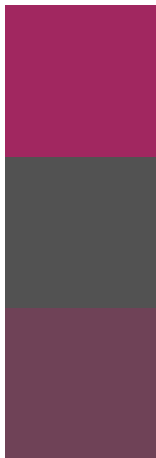
**Original Color**  
A12760

**Protanomaly**  
6C4674

**Deuteranomaly**  
79465C

**Tritanomaly**  
9F2F45

# Monochromacy



**Original Color**  
A12760

**Achromatopsia**  
525252

**Achromatomaly**  
6F4257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A12760 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 #A12760 looks like.

```
.text, #text, p{  
    color:#A12760  
}
```

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 #A12760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12760
}
```

## Border

The CSS property to change the border of an element to Hex A12760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

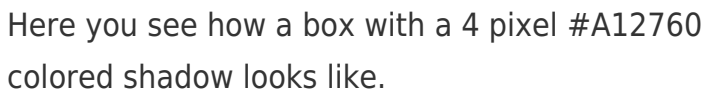
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A12760 }
```

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

```
.border{ border-color:#A12760 }
```

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



Here you see how a box with a 4 pixel #A12760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12760; -webkit-box-shadow:4px 4px  
4px 4px #A12760; box-shadow:4px 4px 4px  
4px #A12760 }
```

# Background

The CSS property to change the background color of an element to Hex A12760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12760 }
```

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

```
.background{ background-color:#A12760 }
```

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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