

# Converting Colors

Hex(A42760)

Have a look what the booklet for  
Hex(A42760) contains.

<b>Hex(A42760)</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(A42760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A42760
RGB	164, 39, 96
RGB Percent	64%, 15%, 38%
CMY	0.3569, 0.8471, 0.6235
CMYK	0.00, 0.76, 0.41, 0.36
HSL	333°, 62%, 40%
HSV	333°, 76%, 64%
XYZ	18.1467, 10.1881, 12.0764
YIQ	82.8730, 56.2030, 44.2270

# Conversions

## Conversions Part 2

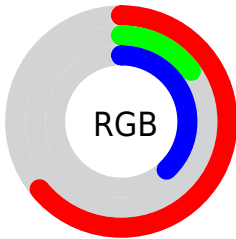
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 39, 96
Decimal	10757984
CIELab	38.18, 54.38, -2.68
CIElCh	38, 54.450, 357.176
Yxy	10.1881, 0.4491, 0.2521
Android (android.graphics.Color)	4288948064 (0xFFA42760)
YUV	82.8730, 6.4716, 71.1484
Hunter-Lab	31.9188, 45.6242, -0.0891

# Details

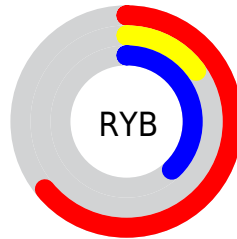
The Hex color **A42760** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **27A46B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **DF6092**, and **6B0032** is the 20% darker color. If you saturate the color by 10%, you get **A41757**, and if you desaturate by 10%, it is **A43769**.

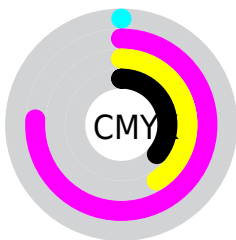
# Distribution



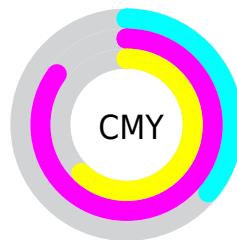
- Red (64%)
- Green (15%)
- Blue (38%)



- Red (64%)
- Yellow (15%)
- Blue (38%)



- Cyan (0%)
- Magenta (76%)
- Yellow (41%)
- Black (36%)



- Cyan (36%)
- Magenta (85%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A42760 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 A42760 by changing the saturation by 10% instead.



 A42760

 A42760

FFFFFF

 870048

 DF6092

 6B0032

 FD7CAD

 4F001D

 FF97C8

 370002

 FFB3E4

 090000

 FFD0FF

 000000

 FFE0FF

 A42760

 A42760

 A41757

 A43769

 A4064E

 A44872

 A4004B

 A4587B

 A46984

 A4798D

 A48996

 A49A9E

 A4AAA7

 A4BBB0

# Harmonies

## Analogous

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



8A398A



A42760



A52E35

# Triad

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



A42760



466300



006AA4

# Complementary

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



A42760



27A46B

# 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.



006D81



A42760



006A26

# Square

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



A42760



715700



006D54



0061B3

# Rectangle

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



A42760



9A3D19



006D54



006C9A



# Sweetspot

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



A42760



D6A5BB



6A27A4



6B4D5B



EBEBEB



6B6B6B



# Same Dimension

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



A42760



D6136C



A42B27



52494D



910042



120008



# Inverse Universe

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



A42760



D6136C



27A0A4



52494D



910042



120008



# Previews

## White Background



This preview shows how the Hex color A42760 looks on a white background.

## Color Contrast Check

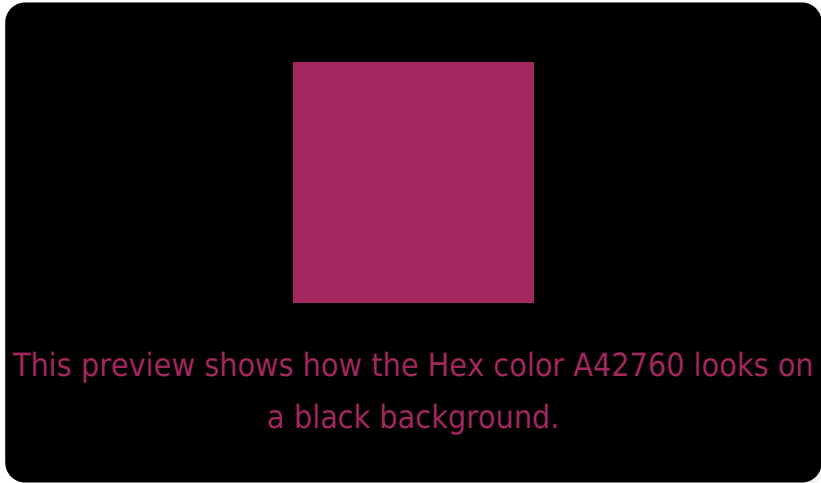
Large Text (above 18pt) WCAG AA ✓ Pass

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 A42760 Background



This preview shows how black text looks on a background with the Hex color A42760.

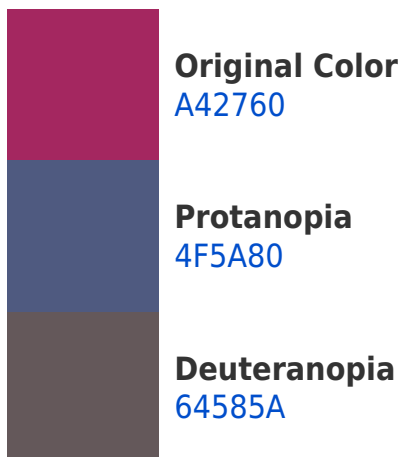


This preview shows how white text looks on a background with the Hex color A42760.

# 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





# Trichromacy



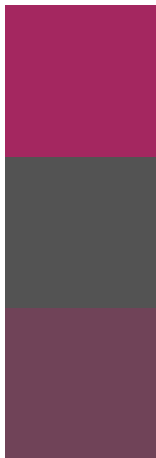
**Original Color**  
A42760

**Protanomaly**  
6E4774

**Deuteranomaly**  
7B465C

**Tritanomaly**  
A22F45

# Monochromacy



**Original Color**  
A42760

**Achromatopsia**  
535353

**Achromatomaly**  
704358

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A42760 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 #A42760 looks like.

```
.text, #text, p{  
    color:#A42760  
}
```

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 #A42760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42760
}
```

## Border

The CSS property to change the border of an element to Hex A42760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

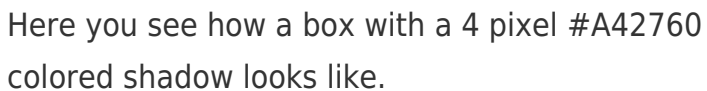
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A42760 }
```

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

```
.border{ border-color:#A42760 }
```

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



Here you see how a box with a 4 pixel #A42760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42760; -webkit-box-shadow:4px 4px  
4px 4px #A42760; box-shadow:4px 4px 4px  
4px #A42760 }
```

# Background

The CSS property to change the background color of an element to Hex A42760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42760 }
```

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

```
.background{ background-color:#A42760 }
```

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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