

Converting Colors

Hex(A62A82)

Have a look what the booklet for
Hex(A62A82) contains.

Hex(A62A82)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A62A82)

Conversions

Conversions Part 1

Format	Color
Hex	A62A82
RGB	166, 42, 130
RGB Percent	65%, 16%, 51%
CMY	0.3490, 0.8353, 0.4902
CMYK	0.00, 0.75, 0.22, 0.35
HSL	317°, 60%, 41%
HSV	317°, 75%, 65%
XYZ	20.5831, 11.3746, 22.2298
YIQ	89.1080, 45.6560, 53.6560

Conversions

Conversions Part 2

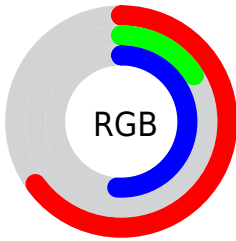
Format	Color
RYB	166, 42, 130
Decimal	10889858
CIELab	40.20, 58.00, -20.86
CIElCh	40, 61.635, 340.216
Yxy	11.3746, 0.3798, 0.2099
Android (android.graphics.Color)	4289079938 (0xFFA62A82)
YUV	89.1080, 20.1598, 67.4343
Hunter-Lab	33.7263, 49.9173, -15.4710

Details

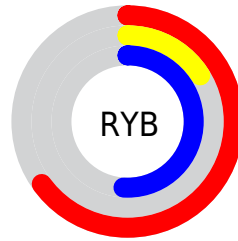
The Hex color **A62A82** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2AA64E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E064B7**, and **6E0050** is the 20% darker color. If you saturate the color by 10%, you get **A6197D**, and if you desaturate by 10%, it is **A63B87**.

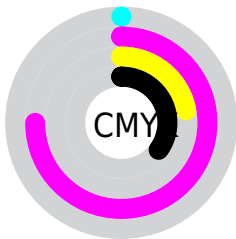
Distribution



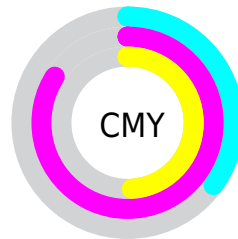
- Red (65%)
- Green (16%)
- Blue (51%)



- Red (65%)
- Yellow (16%)
- Blue (51%)



- Cyan (0%)
- Magenta (75%)
- Yellow (22%)
- Black (35%)



- Cyan (35%)
- Magenta (84%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color A62A82 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 A62A82 by changing the saturation by 10% instead.

 A62A82

 A62A82

FFFFFF

 8A0069

 E064B7

 6E0050

 FE7FD3

 530039

 FF9BEF

 3B0024

 FFB8FF

 1B000A

 FFD4FF

 000000

 FFF2FF

 A62A82

 A62A82

 A6197D

 A63B87

 A60978

 A64B8C

 A60076

 A65C90

 A66C95

 A67D9A

 A68E9F

 A69EA4

 A6AFA9

 A6BFAD

Harmonies

Analogous

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



7448AD



A62A82



B61D50

Triad

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



A62A82



646200



00739F

Complementary

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



A62A82



2AA64E

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.



00756F



A62A82



286D00

Square

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



A62A82



8E5000



00723A



006DBE

Rectangle

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



A62A82



B12C2F



00723A



007490

Sweetspot

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



A62A82



D9A9CB



4D2AA6



6E5165



EDEDED



6E6E6E

Same Dimension

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



A62A82



D916A0



A62A45



544C52



940069



14000E

Inverse Universe

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



A62A82



D916A0



2AA68B



544C52



940069



14000E

Previews

White Background



This preview shows how the Hex color A62A82 looks on a white background.

Color Contrast Check

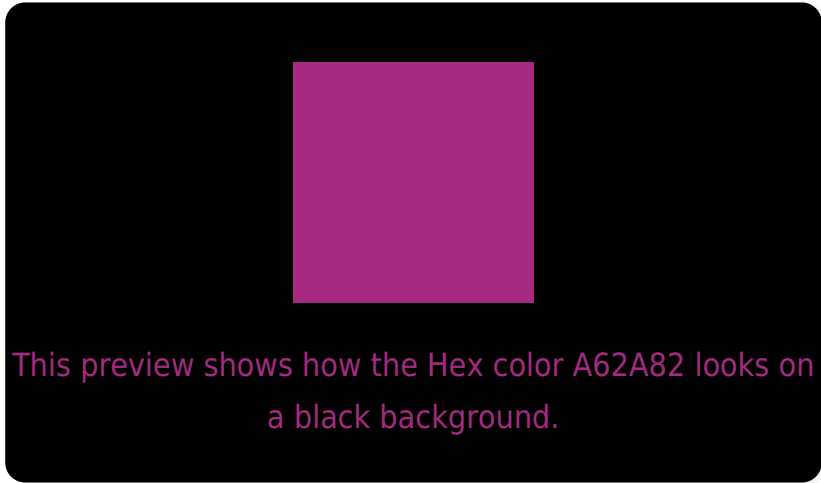
Large Text (above 18pt) WCAG AA ✓ Pass

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 A62A82 Background



This preview shows how black text looks on a background with the Hex color A62A82.

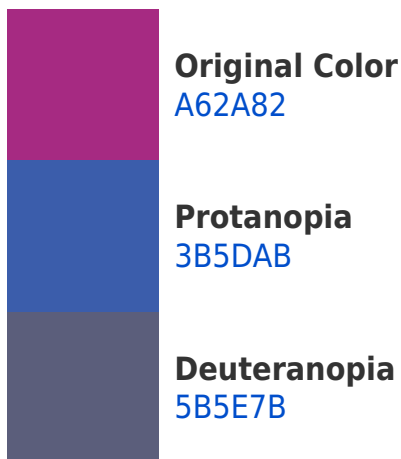



This preview shows how white text looks on a background with the Hex color A62A82.

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
A13E42

Trichromacy



Original Color
A62A82



Protanomaly
624A9C



Deuteranomaly
764B7E



Tritanomaly
A33759

Monochromacy



Original Color
A62A82



Achromatopsia
595959



Achromatomaly
754868

CSS Examples

Text

The CSS property to change the color of the text to Hex A62A82 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 #A62A82 looks like.

```
.text, #text, p{  
    color:#A62A82  
}
```

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 #A62A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62A82
}
```

Border

The CSS property to change the border of an element to Hex A62A82 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
#A62A82 }
```

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

```
.border{ border-color:#A62A82 }
```

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

Here you see how a box with a 4 pixel #A62A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62A82; -webkit-box-shadow:4px 4px  
4px 4px #A62A82; box-shadow:4px 4px 4px  
4px #A62A82 }
```

Background

The CSS property to change the background color of an element to Hex A62A82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62A82 }
```

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

```
.background{ background-color:#A62A82 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor