

# Converting Colors

Hex(A62D95)

Have a look what the booklet for  
Hex(A62D95) contains.

<b>Hex(A62D95)</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(A62D95)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A62D95
RGB	166, 45, 149
RGB Percent	65%, 18%, 58%
CMY	0.3490, 0.8235, 0.4157
CMYK	0.00, 0.73, 0.10, 0.35
HSL	308°, 57%, 41%
HSV	308°, 73%, 65%
XYZ	22.0891, 12.1537, 29.6154
YIQ	93.0350, 38.7320, 57.9960

# Conversions

## Conversions Part 2

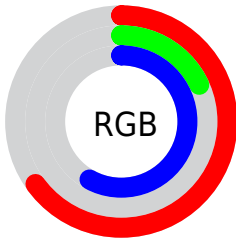
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 45, 149
Decimal	10890645
CIE <sub>Lab</sub>	41.46, 59.74, -30.52
CIE <sub>LCh</sub>	41, 67.082, 332.942
Yxy	12.1537, 0.3459, 0.1903
Android (android.graphics.Color)	4289080725 (0xFFA62D95)
YUV	93.0350, 27.5907, 63.9903
Hunter-Lab	34.8621, 52.0911, -25.9634

# Details

The Hex color **A62D95** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2DA63E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E066CB**, and **6E0062** is the 20% darker color. If you saturate the color by 10%, you get **A61C93**, and if you desaturate by 10%, it is **A63E97**.

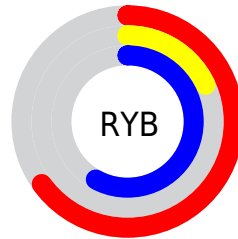
# Distribution



Red (65%)

Green (18%)

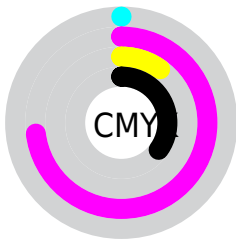
Blue (58%)



Red (65%)

Yellow (18%)

Blue (58%)

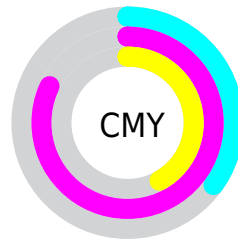


Cyan (0%)

Magenta (73%)

Yellow (10%)

Black (35%)



Cyan (35%)

Magenta (82%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A62D95 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 A62D95 by changing the saturation by 10% instead.



 A62D95

 A62D95

FFFFFF

 8A017B

 E066CB

 6E0062

 FE82E8

 53004A

 FF9EFF

 3B0033

 FFBBFF

 1D001D

 FFD7FF

 000000

 FFF5FF

 A62D95

 A62D95

 A61C93

 A63E97

 A60C90

 A64E9A

 A6008F

 A65F9C

 A66F9E

 A680A1

 A691A3

 A6A1A5

 A6B2A8

 A6C2AA

# Harmonies

## Analogous

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



6350C0



A62D95



BF0B5F

# Triad

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



A62D95



736100



00799D

# Complementary

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



A62D95



2DA63E

# 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.



007966



A62D95



386F00

# Square

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



A62D95



9E4B00



00762B



0074C5

# Rectangle

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



A62D95



BE1C3B



00762B



00798C



# Sweetspot

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



A62D95



D9A9D2



3D2DA6



6E516A



EDEDED



6E6E6E



# Same Dimension

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



A62D95



D91CBE



A62D59



544C53



94007F



140012



# Inverse Universe

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



A62D95



D91CBE



2DA67A



544C53



94007F



140012



# Previews

## White Background



This preview shows how the Hex color A62D95 looks on a white background.

## Color Contrast Check

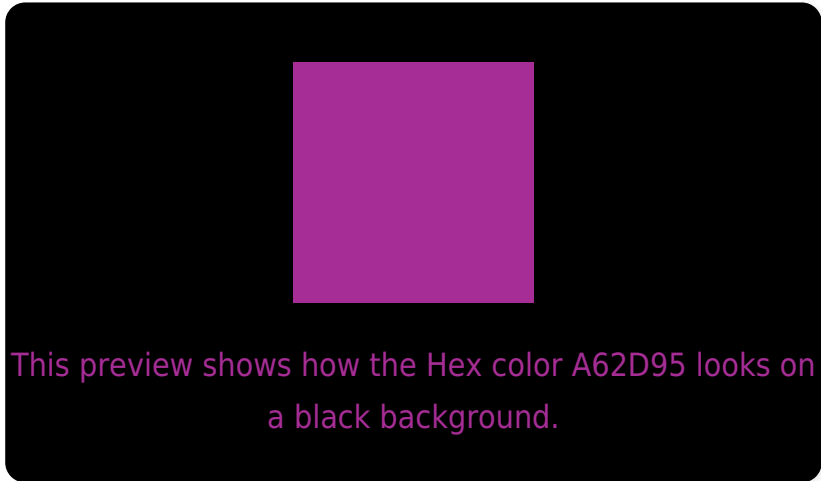
Large Text (above 18pt) WCAG AA ✓ Pass

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

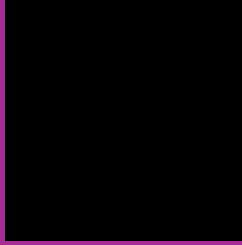
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A62D95 Background



This preview shows how black text looks on a background with the Hex color A62D95.

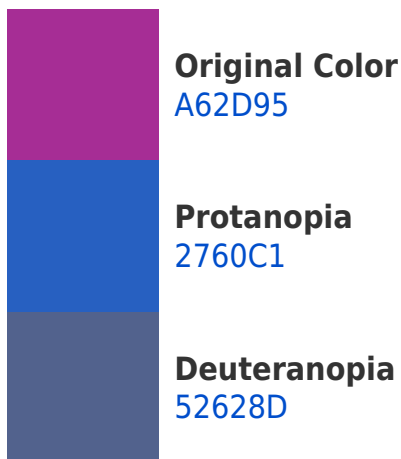


This preview shows how white text looks on a background with the Hex color A62D95.

# 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**  
9F464B

# Trichromacy



**Original Color**  
A62D95



**Protanomaly**  
554DB1



**Deuteranomaly**  
714F90



**Tritanomaly**  
A23D66

# Monochromacy



**Original Color**  
A62D95



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
784C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A62D95 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 #A62D95 looks like.

```
.text, #text, p{  
    color:#A62D95  
}
```

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 #A62D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62D95
}
```

## Border

The CSS property to change the border of an element to Hex A62D95 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
#A62D95 }
```

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

```
.border{ border-color:#A62D95 }
```

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

Here you see how a box with a 4 pixel #A62D95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62D95; -webkit-box-shadow:4px 4px  
4px 4px #A62D95; box-shadow:4px 4px 4px  
4px #A62D95 }
```

# Background

The CSS property to change the background color of an element to Hex A62D95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62D95 }
```

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

```
.background{ background-color:#A62D95 }
```

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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