

# Converting Colors

Hex(A60E90)

Have a look what the booklet for  
Hex(A60E90) contains.

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**Color**

**Hex(A60E90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A60E90
RGB	166, 14, 144
RGB Percent	65%, 5%, 56%
CMY	0.3490, 0.9451, 0.4353
CMYK	0.00, 0.92, 0.13, 0.35
HSL	309°, 84%, 35%
HSV	309°, 92%, 65%
XYZ	20.9170, 10.4347, 27.2972
YIQ	74.2680, 48.8620, 72.6540

# Conversions

## Conversions Part 2

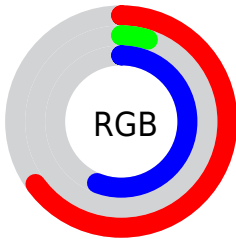
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 14, 144
Decimal	10882704
CIE <sub>Lab</sub>	38.61, 66.48, -31.95
CIE <sub>LCh</sub>	39, 73.758, 334.329
Yxy	10.4347, 0.3566, 0.1779
Android (android.graphics.Color)	4289072784 (0xFFA60E90)
YUV	74.2680, 34.3779, 80.4490
Hunter-Lab	32.3028, 59.0540, -27.4906

# Details

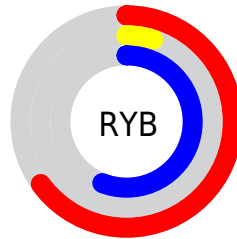
The Hex color **A60E90** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0EA624**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **E156C6**, and **6D005D** is the 20% darker color. If you saturate the color by 10%, you get **A6008E**, and if you desaturate by 10%, it is **A61F92**.

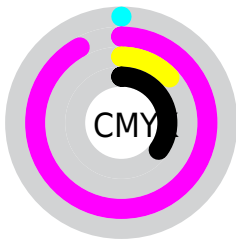
# Distribution



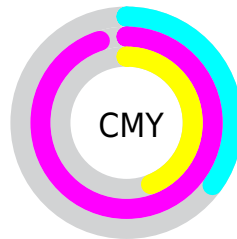
- Red (65%)
- Green (5%)
- Blue (56%)



- Red (65%)
- Yellow (5%)
- Blue (56%)



- Cyan (0%)
- Magenta (92%)
- Yellow (13%)
- Black (35%)



- Cyan (35%)
- Magenta (95%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A60E90 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 A60E90 by changing the saturation by 10% instead.




 A60E90

 A60E90

FFFFFF

 890076

 E156C6

 6D005D

 FF72E2

 520045

 FF8FFF

 39002E

 FFABFF

 190018

 FFC8FF

 000000

 FFE6FF

 A60E90

 A60E90

 A6008E

 A61F92

 A62F95

 A64097

 A6509A

 A6619C

 A6729E

 A682A1

 A693A3

 A6A3A6

# Harmonies

## Analogous

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



5D45C0



A60E90



BF0055

# Triad

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



A60E90



685C00



00739E

# Complementary

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



A60E90



0EA624

# 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.



007362



A60E90



236900

# Square

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



A60E90



974200



007021



006EC8

# Rectangle

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



A60E90



BC002E



007021



00738B



# Sweetspot

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



A60E90



D99ED0



220EA6



6E4B69



EDEDED



6E6E6E



# Same Dimension

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



A60E90



D900B9



A60E46



544C53



94007E



140011



# Inverse Universe

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



A60E90



D900B9



0EA66E



544C53



94007E



140011



# Previews

## White Background



This preview shows how the Hex color A60E90 looks on a white background.

## Color Contrast Check

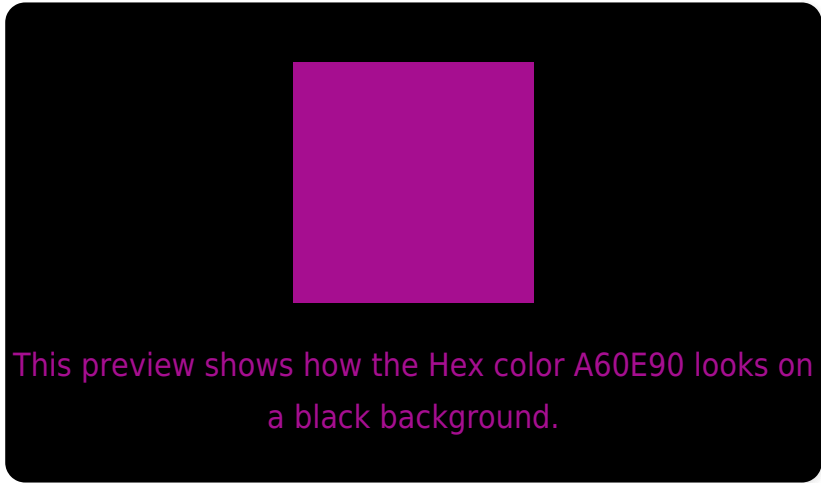
Large Text (above 18pt) WCAG AA ✓ Pass

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

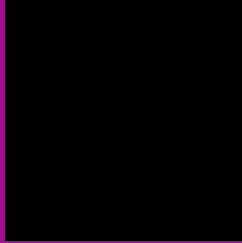
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A60E90 Background



This preview shows how black text looks on a background with the Hex color A60E90.



This preview shows how white text looks on a background with the Hex color A60E90.

# 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**  
9E3A3D

# Trichromacy



**Original Color**  
A60E90



**Protanomaly**  
3C3EAD



**Deuteranomaly**  
6C408A



**Tritanomaly**  
A12A5B

# Monochromacy



**Original Color**  
A60E90



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
6B3463

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A60E90 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 #A60E90 looks like.

```
.text, #text, p{  
    color:#A60E90  
}
```

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 #A60E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A60E90
}
```

## Border

The CSS property to change the border of an element to Hex A60E90 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
#A60E90 }
```

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

```
.border{ border-color:#A60E90 }
```

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

Here you see how a box with a 4 pixel #A60E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A60E90; -webkit-box-shadow:4px 4px  
4px 4px #A60E90; box-shadow:4px 4px 4px  
4px #A60E90 }
```

# Background

The CSS property to change the background color of an element to Hex A60E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A60E90 }
```

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

```
.background{ background-color:#A60E90 }
```

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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