

# Converting Colors

Hex(A90F60)

Have a look what the booklet for  
Hex(A90F60) contains.

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# Color

**Hex(A90F60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A90F60
RGB	169, 15, 96
RGB Percent	66%, 6%, 38%
CMY	0.3373, 0.9412, 0.6235
CMYK	0.00, 0.91, 0.43, 0.34
HSL	328°, 84%, 36%
HSV	328°, 91%, 66%
XYZ	18.6443, 9.6212, 11.9407
YIQ	70.2800, 65.7830, 57.8390

# Conversions

## Conversions Part 2

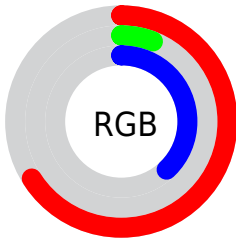
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 15, 96
Decimal	11079520
CIELab	37.15, 61.41, -4.09
CIElCh	37, 61.542, 356.192
Yxy	9.6212, 0.4637, 0.2393
Android (android.graphics.Color)	4289269600 (0xFFA90F60)
YUV	70.2800, 12.6800, 86.5774
Hunter-Lab	31.0180, 53.0112, -1.1117

# Details

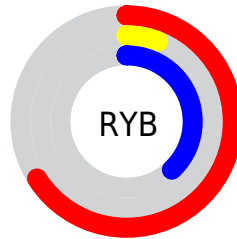
The Hex color **A90F60** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0FA958**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **E55492**, and **6F0032** is the 20% darker color. If you saturate the color by 10%, you get **A90059**, and if you desaturate by 10%, it is **A92068**.

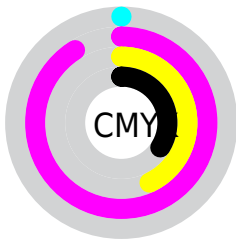
# Distribution



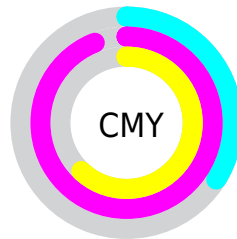
- Red (66%)
- Green (6%)
- Blue (38%)



- Red (66%)
- Yellow (6%)
- Blue (38%)



- Cyan (0%)
- Magenta (91%)
- Yellow (43%)
- Black (34%)



- Cyan (34%)
- Magenta (94%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A90F60 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 A90F60 by changing the saturation by 10% instead.



 A90F60

 A90F60

FFFFFF

 8C0048

 E55492

 6F0032

 FF71AD

 52001D

 FF8DC8

 390002

 FFA9E4

 0F0000

 FFC6FF

 000000

 FFE3FF

 A90F60

 A90F60

 A90059

 A92068

 A93170

 A94278

 A95380

 A96388

 A97490

 A98598

 A996A0

 A9A7A8

# Harmonies

## Analogous

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



8B308F



A90F60



AA1E2F

# Triad

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



A90F60



406100



0069AA

# Complementary

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



A90F60



0FA958

# 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.



006C82



A90F60



006919

# Square

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



A90F60



715300



006C4F



0060BC

# Rectangle

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



A90F60



9D330D



006C4F



006B9F



# Sweetspot

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



A90F60



DBA0BF



570FA9



6E4B5D



EDEDED



6E6E6E



# Same Dimension

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



A90F60



DB0073



A90F14



544C50



94004E



14000B



# Inverse Universe

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



A90F60



DB0073



0FA9A4



544C50



94004E



14000B



# Previews

## White Background



This preview shows how the Hex color A90F60 looks on a white background.

## Color Contrast Check

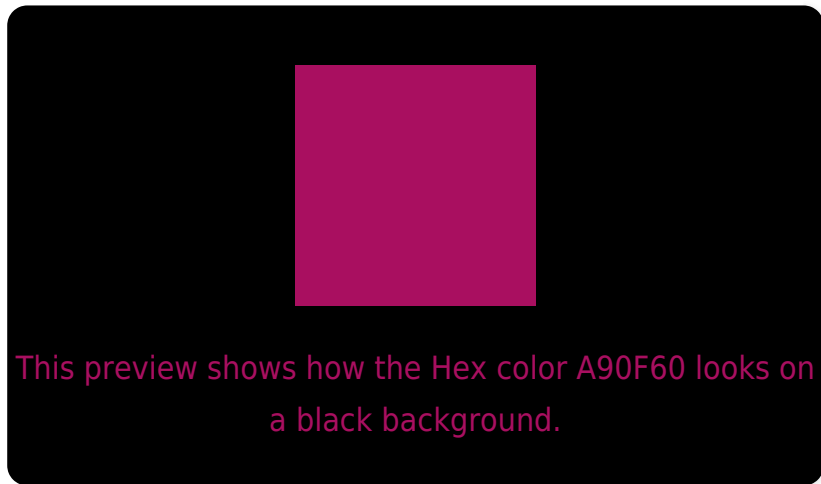
Large Text (above 18pt) WCAG AA ✓ Pass

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 A90F60 Background



This preview shows how black text looks on a background with the Hex color A90F60.



This preview shows how white text looks on a background with the Hex color A90F60.

# 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



**Original Color**  
A90F60

**Protanopia**  
485889

**Deuteranopia**  
625659



# Trichromacy



**Original Color**  
A90F60

**Protanomaly**  
6B3D7A

**Deuteranomaly**  
7C3C5C

**Tritanomaly**  
A71F3D

# Monochromacy



**Original Color**  
A90F60

**Achromatopsia**  
464646

**Achromatomaly**  
6A324F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A90F60 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 #A90F60 looks like.

```
.text, #text, p{  
    color:#A90F60  
}
```

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 #A90F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A90F60
}
```

## Border

The CSS property to change the border of an element to Hex A90F60 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
#A90F60 }
```

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

```
.border{ border-color:#A90F60 }
```

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

Here you see how a box with a 4 pixel #A90F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A90F60; -webkit-box-shadow:4px 4px  
4px 4px #A90F60; box-shadow:4px 4px 4px  
4px #A90F60 }
```

# Background

The CSS property to change the background color of an element to Hex A90F60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A90F60 }
```

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

```
.background{ background-color:#A90F60 }
```

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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