

# Converting Colors

Hex(6A2F70)

Have a look what the booklet for  
Hex(6A2F70) contains.

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# Color

**Hex(6A2F70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A2F70
RGB	106, 47, 112
RGB Percent	42%, 18%, 44%
CMY	0.5843, 0.8157, 0.5608
CMYK	0.05, 0.58, 0.00, 0.56
HSL	294°, 41%, 31%
HSV	294°, 58%, 44%
XYZ	9.8850, 6.2671, 16.0179
YIQ	72.0510, 14.2990, 32.7230

# Conversions

## Conversions Part 2

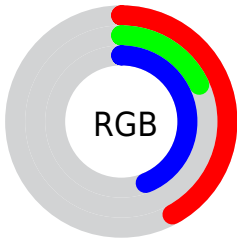
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 47, 112
Decimal	6958960
CIE <sub>Lab</sub>	30.08, 36.53, -26.14
CIE <sub>LCh</sub>	30, 44.917, 324.416
Yxy	6.2671, 0.3073, 0.1948
Android (android.graphics.Color)	4285149040 (0xFF6A2F70)
YUV	72.0510, 19.6949, 29.7733
Hunter-Lab	25.0341, 26.6732, -20.4125

# Details

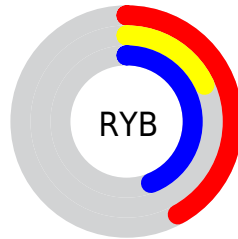
The Hex color **6A2F70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **35702F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9F60A4**, and **380040** is the 20% darker color. If you saturate the color by 10%, you get **692470**, and if you desaturate by 10%, it is **6B3A70**.

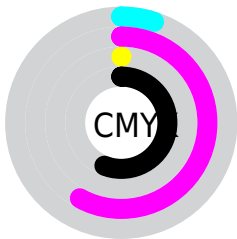
# Distribution



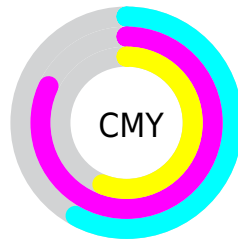
- Red (42%)
- Green (18%)
- Blue (44%)



- Red (42%)
- Yellow (18%)
- Blue (44%)



- Cyan (5%)
- Magenta (58%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (82%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A2F70 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 6A2F70 by changing the saturation by 10% instead.



6A2F70

6A2F70

FFFFFF

511657

9F60A4

380040

BB7ABF

25002A

D794DB

000113

F4AFF8

000000

FFCBFF

FFE8FF

6A2F70

6A2F70

692470

6B3A70

681970

6C4570

670D70

6D5170

660270

6E5C70

660070

6F6770

707270

717D70

728970

739470

# Harmonies

## Analogous

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



374087



6A2F70



81204F

# Triad

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



6A2F70



5C4300



005663

# Complementary

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



6A2F70



35702F

# 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.



00563F



6A2F70



3B4D00

# Square

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



6A2F70



75340B



00531B



00547F

# Rectangle

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



6A2F70



842038



00531B



005757



# Sweetspot

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



6A2F70



8F7991



2F3570



493B4A



C9C9C9



4A4A4A



# Same Dimension

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



6A2F70



882C91



702F56



383238



6D0078



E100F7



# Inverse Universe

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



702F35



912C35



2F7049



383233



78000B



F70017



# Previews

## White Background



This preview shows how the Hex color 6A2F70 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

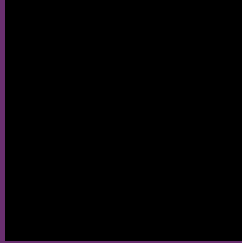
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A2F70 Background



This preview shows how black text looks on a background with the Hex color 6A2F70.



This preview shows how white text looks on a background with the Hex color 6A2F70.

# 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**  
6A2F70

**Protanopia**  
274685

**Deuteranopia**  
37476C



**Tritanopia**  
643C40

# Trichromacy



**Original Color**  
6A2F70

**Protanomaly**  
3F3E7D

**Deuteranomaly**  
4A3E6D

**Tritanomaly**  
663751

# Monochromacy



**Original Color**  
6A2F70

**Achromatopsia**  
484848

**Achromatomaly**  
543F57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A2F70 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 #6A2F70 looks like.

```
.text, #text, p{  
    color:#6A2F70  
}
```

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 #6A2F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2F70
}
```

## Border

The CSS property to change the border of an element to Hex 6A2F70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

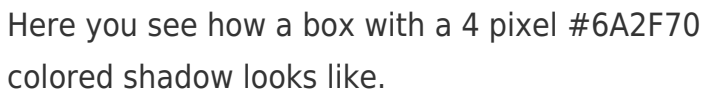
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2F70 }
```

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

```
.border{ border-color:#6A2F70 }
```

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



Here you see how a box with a 4 pixel #6A2F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2F70; -webkit-box-shadow:4px 4px  
4px 4px #6A2F70; box-shadow:4px 4px 4px  
4px #6A2F70 }
```

# Background

The CSS property to change the background color of an element to Hex 6A2F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2F70 }
```

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

```
.background{ background-color:#6A2F70 }
```

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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