

# Converting Colors

Hex(6A2F61)

Have a look what the booklet for  
Hex(6A2F61) contains.

<b>Hex(6A2F61)</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(6A2F61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A2F61
RGB	106, 47, 97
RGB Percent	42%, 18%, 38%
CMY	0.5843, 0.8157, 0.6196
CMYK	0.00, 0.56, 0.08, 0.58
HSL	309°, 39%, 30%
HSV	309°, 56%, 42%
XYZ	9.1180, 5.9603, 11.9791
YIQ	70.3410, 19.1140, 28.0580

# Conversions

## Conversions Part 2

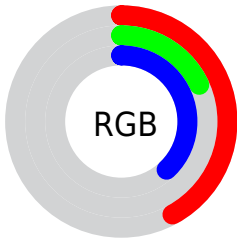
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 47, 97</a>
Decimal	<a href="#">6958945</a>
CIELab	<a href="#">29.31, 33.58, -17.71</a>
CIELCh	<a href="#">29, 37.962, 332.192</a>
Yxy	<a href="#">5.9603, 0.3370, 0.2203</a>
Android (android.graphics.Color)	<a href="#">4285149025 (0xFF6A2F61)</a>
YUV	<a href="#">70.3410, 13.1429, 31.2729</a>
Hunter-Lab	<a href="#">24.4137, 23.9425, -12.0025</a>

# Details

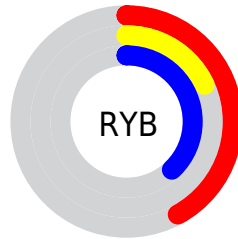
The Hex color **6A2F61** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F6A38**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9F6094**, and **380032** is the 20% darker color. If you saturate the color by 10%, you get **6A245F**, and if you desaturate by 10%, it is **6A3A63**.

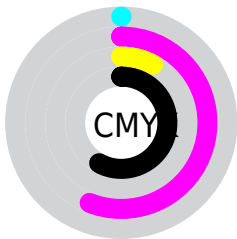
# Distribution



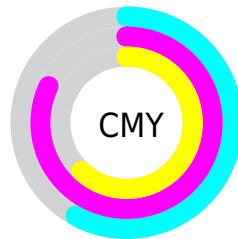
- Red (42%)
- Green (18%)
- Blue (38%)



- Red (42%)
- Yellow (18%)
- Blue (38%)



- Cyan (0%)
- Magenta (56%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A2F61 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 6A2F61 by changing the saturation by 10% instead.



6A2F61

6A2F61

FFFFFF

511749

9F6094

380032

BA79AE

25001E

D794CA

000000

F4AFE6

FFCBFF

FFE7FF

6A2F61

6A2F61

6A245F

6A3A63

■ 6A1A5E

■ 6A4464

■ 6A0F5C

■ 6A4F66

■ 6A055B

■ 6A5967

■ 6A005A

■ 6A6469

■ 6A6F6B

■ 6A796C

■ 6A846E

■ 6A8E70

# Harmonies

## Analogous

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



483C77



6A2F61



792844

# Triad

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



6A2F61



524401



005264

# Complementary

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



6A2F61



2F6A38

# 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.



005346



6A2F61



344C0D

# Square

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



6A2F61



69390F



005128



004F79

# Rectangle

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



6A2F61



792A31



005128



00535A



# Sweetspot

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



6A2F61



8A7286



382F6A



453743



C4C4C4



454545



# Same Dimension

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



6A2F61



8A2D7C



6A2F44



363035



750063



F500CF



# Inverse Universe

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



6A2F61



8A2D7C



2F6A55



363035



750063

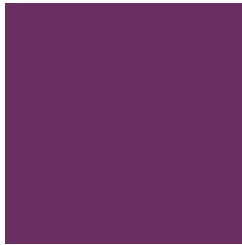


F500CF



# Previews

## White Background



This preview shows how the Hex color 6A2F61 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

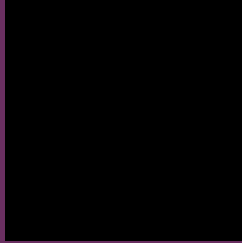
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A2F61 Background



This preview shows how black text looks on a background with the Hex color 6A2F61.

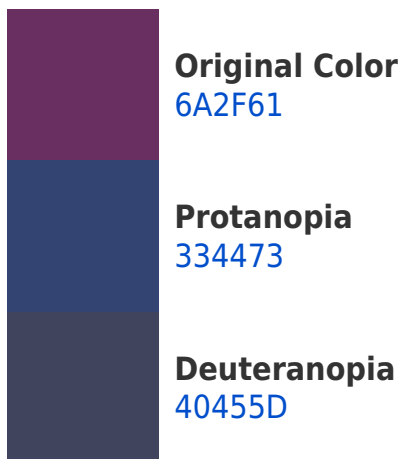


This preview shows how white text looks on a background with the Hex color 6A2F61.

# 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



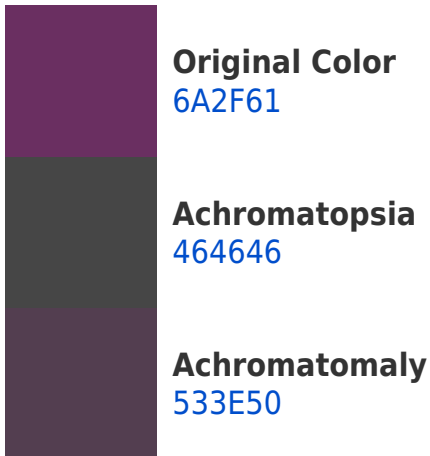


**Tritanopia**  
66383C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A2F61 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 #6A2F61 looks like.

```
.text, #text, p{  
    color:#6A2F61  
}
```

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 #6A2F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2F61
}
```

## Border

The CSS property to change the border of an element to Hex 6A2F61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

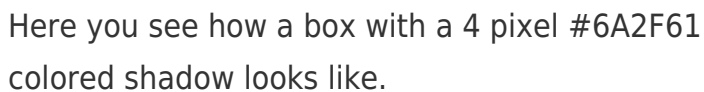
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2F61 }
```

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

```
.border{ border-color:#6A2F61 }
```

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



Here you see how a box with a 4 pixel #6A2F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2F61; -webkit-box-shadow:4px 4px  
4px 4px #6A2F61; box-shadow:4px 4px 4px  
4px #6A2F61 }
```

# Background

The CSS property to change the background color of an element to Hex 6A2F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2F61 }
```

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

```
.background{ background-color:#6A2F61 }
```

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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