

# Converting Colors

Hex(6A1055)

Have a look what the booklet for  
Hex(6A1055) contains.

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# Color

**Hex(6A1055)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A1055
RGB	106, 16, 85
RGB Percent	42%, 6%, 33%
CMY	0.5843, 0.9373, 0.6667
CMYK	0.00, 0.85, 0.20, 0.58
HSL	314°, 74%, 24%
HSV	314°, 85%, 42%
XYZ	7.7688, 4.0906, 8.9744
YIQ	50.7760, 31.4910, 40.5390

# Conversions

## Conversions Part 2

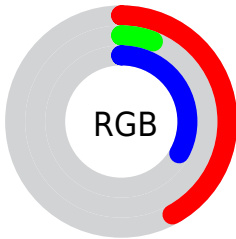
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 16, 85
Decimal	6950997
CIE <sub>Lab</sub>	23.97, 44.71, -18.13
CIE <sub>LCh</sub>	24, 48.247, 337.932
Yxy	4.0906, 0.3729, 0.1963
Android (android.graphics.Color)	4285141077 (0xFF6A1055)
YUV	50.7760, 16.8724, 48.4314
Hunter-Lab	20.2253, 33.1702, -12.1506

# Details

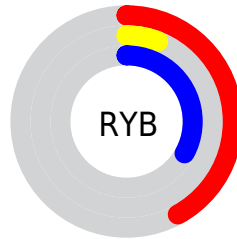
The Hex color **6A1055** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **106A25**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **A04887**, and **370028** is the 20% darker color. If you saturate the color by 10%, you get **6A0553**, and if you desaturate by 10%, it is **6A1B57**.

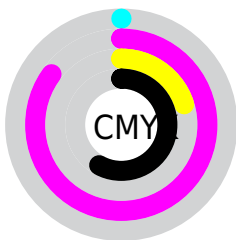
# Distribution



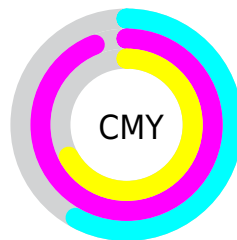
- Red (42%)
- Green (6%)
- Blue (33%)



- Red (42%)
- Yellow (6%)
- Blue (33%)



- Cyan (0%)
- Magenta (85%)
- Yellow (20%)
- Black (58%)



- Cyan (58%)
- Magenta (94%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A1055 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 6A1055 by changing the saturation by 10% instead.



 6A1055

 6A1055

FFFFFF

 50003E

 A04887

 370028

 BC61A1

 1D0012

 D97CBC

 000000

 F697D8

 FF2F5

 FFCEFF

 FFEBFF

 6A1055

 6A1055

■ 6A0553

■ 6A1B57

■ 6A0051

■ 6A255A

■ 6A305C

■ 6A3A5F

■ 6A4561

■ 6A5064

■ 6A5A66

■ 6A6569

■ 6A6F6B

# Harmonies

## Analogous

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



442A73



6A1055



770031

# Triad

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



6A1055



3F3B00



004865

# Complementary

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



6A1055



106A25

# 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.



004842



6A1055



154300

# Square

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



6A1055



5C2D00



00471C



00447D

# Rectangle

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



6A1055



740D1A



00471C



00485A



# Sweetspot

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



6A1055



8A6782



25106A



453040



C4C4C4



454545



# Same Dimension

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



6A1055



8A006A



6A1028



363034



75005A



F500BC



# Inverse Universe

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



6A1055



8A006A



106A52



363034



75005A

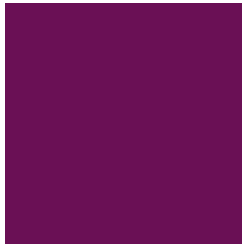


F500BC



# Previews

## White Background



This preview shows how the Hex color 6A1055 looks on a white background.

## Color Contrast Check

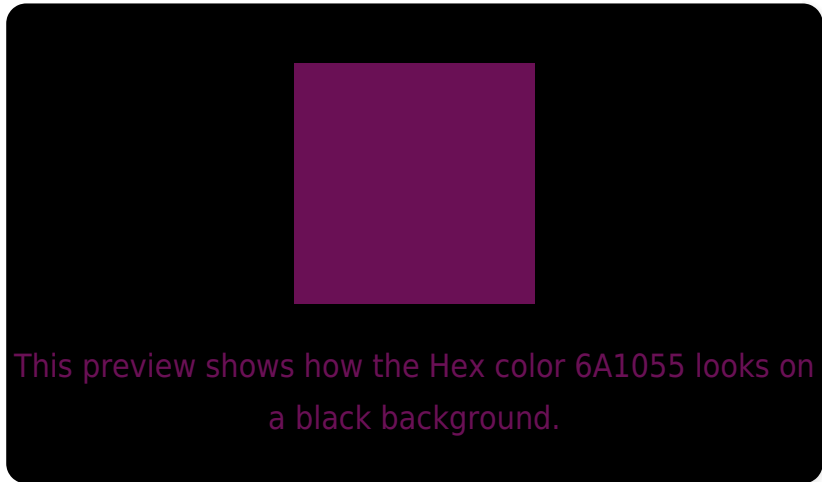
Large Text (above 18pt) WCAG AA ✓ Pass

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

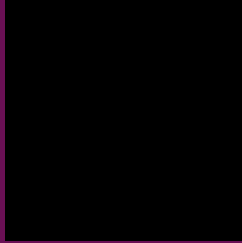
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A1055 Background



This preview shows how black text looks on a background with the Hex color 6A1055.



This preview shows how white text looks on a background with the Hex color 6A1055.

# 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**  
662426

# Trichromacy



**Original Color**  
6A1055

**Protanomaly**  
342A69

**Deuteranomaly**  
482B52

**Tritanomaly**  
671D37

# Monochromacy



**Original Color**  
6A1055

**Achromatopsia**  
333333

**Achromatomaly**  
47263F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A1055 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 #6A1055 looks like.

```
.text, #text, p{  
    color:#6A1055  
}
```

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 #6A1055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1055
}
```

## Border

The CSS property to change the border of an element to Hex 6A1055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

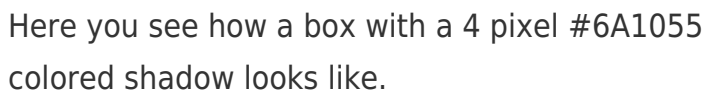
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1055 }
```

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

```
.border{ border-color:#6A1055 }
```

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



Here you see how a box with a 4 pixel #6A1055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1055; -webkit-box-shadow:4px 4px  
4px 4px #6A1055; box-shadow:4px 4px 4px  
4px #6A1055 }
```

# Background

The CSS property to change the background color of an element to Hex 6A1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1055 }
```

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

```
.background{ background-color:#6A1055 }
```

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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