

# Converting Colors

Hex(6D2363)

Have a look what the booklet for  
Hex(6D2363) contains.

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# Color

**Hex(6D2363)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D2363
RGB	109, 35, 99
RGB Percent	43%, 14%, 39%
CMY	0.5725, 0.8627, 0.6118
CMYK	0.00, 0.68, 0.09, 0.57
HSL	308°, 51%, 28%
HSV	308°, 68%, 43%
XYZ	9.1598, 5.3541, 12.3551
YIQ	64.4220, 23.5600, 35.5920

# Conversions

## Conversions Part 2

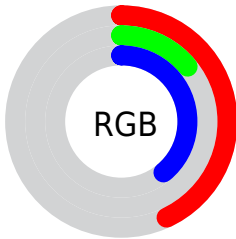
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 35, 99
Decimal	7152483
CIE <sub>Lab</sub>	27.72, 40.79, -21.45
CIE <sub>LCh</sub>	28, 46.081, 332.265
Yxy	5.3541, 0.3409, 0.1993
Android (android.graphics.Color)	4285342563 (0xFF6D2363)
YUV	64.4220, 17.0470, 39.0949
Hunter-Lab	23.1390, 30.1681, -15.4606

# Details

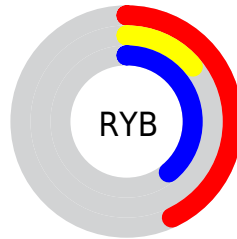
The Hex color **6D2363** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **236D2D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A35696**, and **3A0034** is the 20% darker color. If you saturate the color by 10%, you get **6D1862**, and if you desaturate by 10%, it is **6D2E64**.

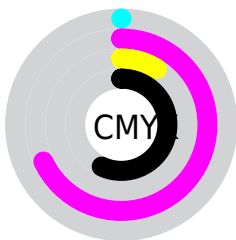
# Distribution



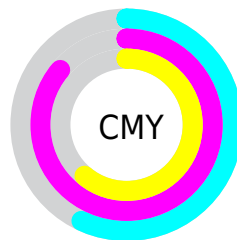
- Red (43%)
- Green (14%)
- Blue (39%)



- Red (43%)
- Yellow (14%)
- Blue (39%)



- Cyan (0%)
- Magenta (68%)
- Yellow (9%)
- Black (57%)



- Cyan (57%)
- Magenta (86%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2363 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 6D2363 by changing the saturation by 10% instead.



 6D2363

 6D2363

FFFFFF

 53054B

 A35696

 3A0034

 BF6FB1

 25001F

 DB8ACC

 000001

 F8A5E9

 000000

 FFC1FF

 FFD0FF

 FFFAFF

 6D2363

 6D2363

■ 6D1862

■ 6D2E64

■ 6D0D60

■ 6D3966

■ 6D025F

■ 6D4467

■ 6D005E

■ 6D4F69

■ 6D5A6A

■ 6D646C

■ 6D6F6D

■ 6D7A6F

■ 6D8570

# Harmonies

## Analogous

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



42377E



6D2363



7E1540

# Triad

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



6D2363



4F4100



005167

# Complementary

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



6D2363



236D2D

# 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.



005143



6D2363



2A4A00

# Square

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



6D2363



6A3300



004F1E



004D80

# Rectangle

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



6D2363



7E1A29



004F1E



00515B



# Sweetspot

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



6D2363



8F728B



2D236D



473645



C7C7C7



474747



# Same Dimension

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



6D2363



8F1B7F



6D233E



363035



750065



F500D4



# Inverse Universe

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



6D2363



8F1B7F



236D52



363035



750065

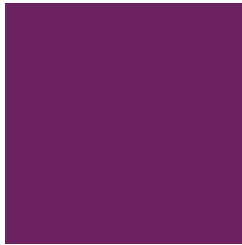


F500D4



# Previews

## White Background



This preview shows how the Hex color 6D2363 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

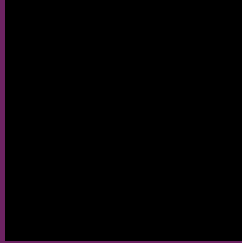
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D2363 Background



This preview shows how black text looks on a background with the Hex color 6D2363.




This preview shows how white text looks on a background with the Hex color 6D2363.

# 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**  
683135

# Trichromacy



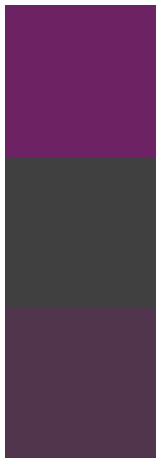
**Original Color**  
6D2363

**Protanomaly**  
3D3674

**Deuteranomaly**  
4C3760

**Tritanomaly**  
6A2C46

# Monochromacy



**Original Color**  
6D2363

**Achromatopsia**  
404040

**Achromatomaly**  
50354D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2363 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 #6D2363 looks like.

```
.text, #text, p{  
    color:#6D2363  
}
```

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 #6D2363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2363
}
```

## Border

The CSS property to change the border of an element to Hex 6D2363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

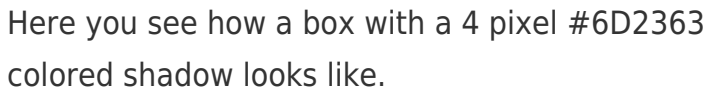
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2363 }
```

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

```
.border{ border-color:#6D2363 }
```

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



Here you see how a box with a 4 pixel #6D2363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2363; -webkit-box-shadow:4px 4px  
4px 4px #6D2363; box-shadow:4px 4px 4px  
4px #6D2363 }
```

# Background

The CSS property to change the background color of an element to Hex 6D2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2363 }
```

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

```
.background{ background-color:#6D2363 }
```

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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