

# Converting Colors

Hex(6D2A36)

Have a look what the booklet for  
Hex(6D2A36) contains.

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# Color

**Hex(6D2A36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D2A36
RGB	109, 42, 54
RGB Percent	43%, 16%, 21%
CMY	0.5725, 0.8353, 0.7882
CMYK	0.00, 0.61, 0.50, 0.57
HSL	349°, 44%, 30%
HSV	349°, 61%, 43%
XYZ	7.8005, 5.1735, 4.0775
YIQ	63.4010, 36.0800, 17.9360

# Conversions

## Conversions Part 2

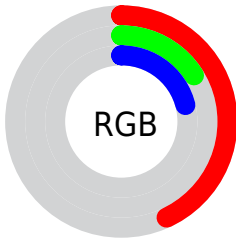
Format	Color
<a href="#">RYB</a>	<a href="#">109, 42, 54</a>
Decimal	<a href="#">7154230</a>
CIELab	<a href="#">27.22, 30.98, 7.61</a>
CIElCh	<a href="#">27, 31.899, 13.803</a>
Yxy	<a href="#">5.1735, 0.4575, 0.3034</a>
Android (android.graphics.Color)	<a href="#">4285344310 (0xFF6D2A36)</a>
YUV	<a href="#">63.4010, -4.6347, 39.9903</a>
Hunter-Lab	<a href="#">22.7453, 21.4123, 5.2930</a>

# Details

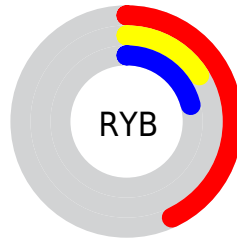
The Hex color **6D2A36** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A6D61**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A45B64**, and **39000A** is the 20% darker color. If you saturate the color by 10%, you get **6D1F2D**, and if you desaturate by 10%, it is **6D353F**.

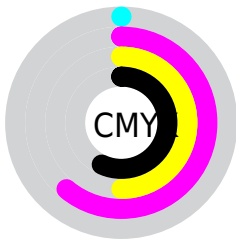
# Distribution



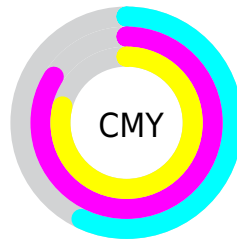
- Red (43%)
- Green (16%)
- Blue (21%)



- Red (43%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (61%)
- Yellow (50%)
- Black (57%)



- Cyan (57%)
- Magenta (84%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2A36 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 6D2A36 by changing the saturation by 10% instead.





6D2A36



6D2A36

FFFFFF



531221



A45B64



39000A



C0747D



210001



DD8E97



000000



FAA9B2



FFC5CD



FFE1EA



FFFEFF



6D2A36



6D2A36

 6D1F2D

 6D353F

 6D1424

 6D4048

 6D091B

 6D4B51

 6D0014

 6D565A

 6D6163

 6D6B6C

 6D7675

 6D817E

 6D8C87

# Harmonies

## Analogous

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



662C4F



6D2A36



673120

# Triad

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



6D2A36



27481B



00476F

# Complementary

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



6D2A36



2A6D61

# 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.



004B62



6D2A36



004B32

# Square

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



6D2A36



43430C



004C4B



273F70

# Rectangle

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



6D2A36



5E3714



004C4B



00486C



# Sweetspot

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



6D2A36



8F757A



612A6D



47383B



C7C7C7



474747



# Same Dimension

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



6D2A36



8F2538



6D3F2A



363031



750015



F5002C



# Inverse Universe

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



6D2A36



8F2538



2A586D



363031



750015

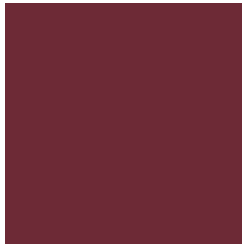


F5002C



# Previews

## White Background



This preview shows how the Hex color 6D2A36 looks on a white background.

## Color Contrast Check

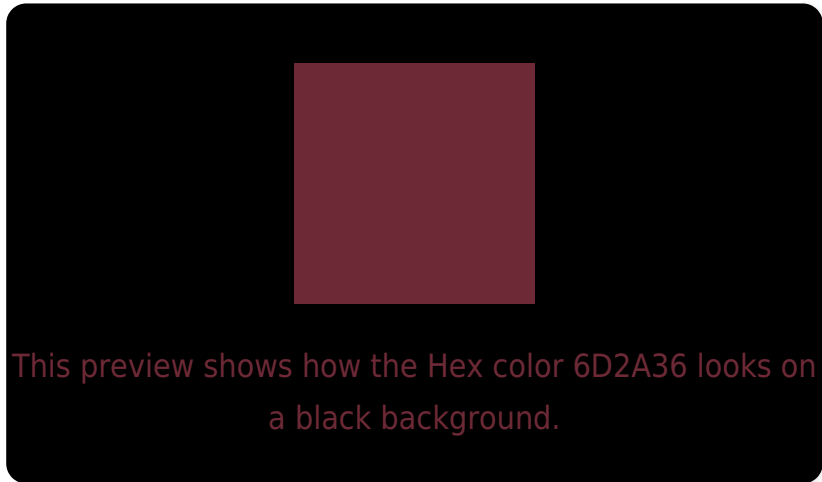
Large Text (above 18pt) WCAG AA ✓ Pass

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

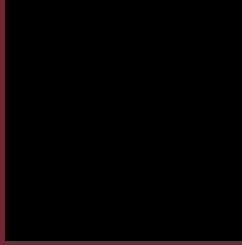
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D2A36 Background



This preview shows how black text looks on a background with the Hex color 6D2A36.



This preview shows how white text looks on a background with the Hex color 6D2A36.

# 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**  
6D2A36

**Protanopia**  
424142

**Deuteranopia**  
4C3F33



**Tritanopia**  
6D2B2E

# Trichromacy



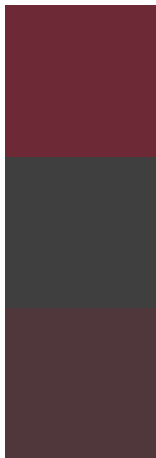
**Original Color**  
6D2A36

**Protanomaly**  
52393E

**Deuteranomaly**  
583734

**Tritanomaly**  
6D2B31

# Monochromacy



**Original Color**  
6D2A36

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
50373C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2A36 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 #6D2A36 looks like.

```
.text, #text, p{  
    color:#6D2A36  
}
```

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 #6D2A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2A36
}
```

## Border

The CSS property to change the border of an element to Hex 6D2A36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

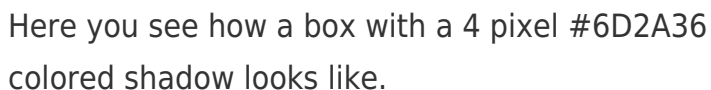
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2A36 }
```

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

```
.border{ border-color:#6D2A36 }
```

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



Here you see how a box with a 4 pixel #6D2A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2A36; -webkit-box-shadow:4px 4px  
4px 4px #6D2A36; box-shadow:4px 4px 4px  
4px #6D2A36 }
```

# Background

The CSS property to change the background color of an element to Hex 6D2A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2A36 }
```

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

```
.background{ background-color:#6D2A36 }
```

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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