

# Converting Colors

Hex(6D2C3D)

Have a look what the booklet for  
Hex(6D2C3D) contains.

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# Color

**Hex(6D2C3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D2C3D
RGB	109, 44, 61
RGB Percent	43%, 17%, 24%
CMY	0.5725, 0.8275, 0.7608
CMYK	0.00, 0.60, 0.44, 0.57
HSL	344°, 42%, 30%
HSV	344°, 60%, 43%
XYZ	8.0497, 5.3895, 5.0309
YIQ	65.3730, 33.2830, 19.0670

# Conversions

## Conversions Part 2

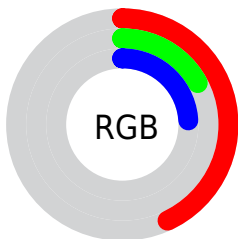
Format	Color
R <sub>Y</sub> B	109, 44, 61
Decimal	7154749
CIE Lab	27.82, 30.71, 3.78
CIE LCh	28, 30.941, 7.016
Yxy	5.3895, 0.4358, 0.2918
Android (android.graphics.Color)	4285344829 (0xFF6D2C3D)
YUV	65.3730, -2.1559, 38.2609
Hunter-Lab	23.2153, 21.2663, 3.4022

# Details

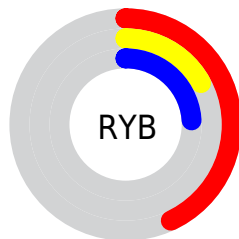
The Hex color **6D2C3D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C6D5C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A35D6C**, and **3A0013** is the 20% darker color. If you saturate the color by 10%, you get **6D2135**, and if you desaturate by 10%, it is **6D3745**.

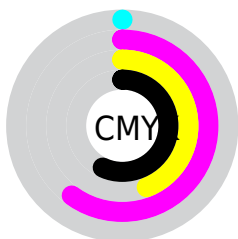
# Distribution



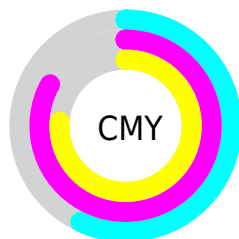
- Red (43%)
- Green (17%)
- Blue (24%)



- Red (43%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (44%)
- Black (57%)



- Cyan (57%)
- Magenta (83%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2C3D 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 6D2C3D by changing the saturation by 10% instead.



 6D2C3D

 6D2C3D

FFFFFF

 531427

 A35D6C

 3A0013

 BF7685

 230001

 DC90A0

 000000

 F9ABBB

 FFC7D6

 FFE3F3

 6D2C3D

 6D2C3D

 6D2135

 6D3745

 6D162D

 6D424D

 6D0B25

 6D4D55

 6D001D

 6D585D

 6D6365

 6D6D6D

 6D7875

 6D837D

 6D8E85

# Harmonies

## Analogous

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



633055



6D2C3D



6A3126

# Triad

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



6D2C3D



304819



00496D

# Complementary

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



6D2C3D



2C6D5C

# 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.



004C5E



6D2C3D



054C2E

# Square

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



6D2C3D



49420F



004D47



1C4271

# Rectangle

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



6D2C3D



62371A



004D47



004B69



# Sweetspot

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



6D2C3D



8F757C



5C2C6D



47383C



C7C7C7



474747



# Same Dimension

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



6D2C3D



8F2843



6D3B2C



363032



75001F



F50040



# Inverse Universe

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



6D2C3D



8F2843



2C5E6D



363032



75001F

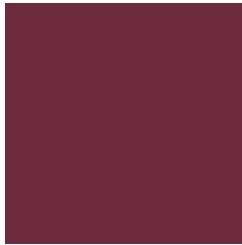


F50040



# Previews

## White Background



This preview shows how the Hex color 6D2C3D looks on a white background.

## Color Contrast Check

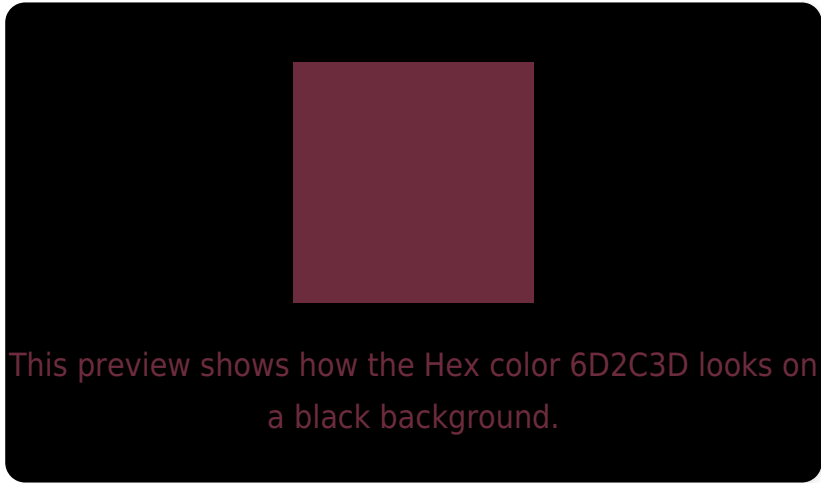
Large Text (above 18pt) WCAG AA ✓ Pass

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

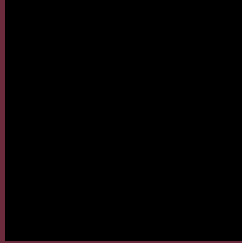
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D2C3D Background



This preview shows how black text looks on a background with the Hex color 6D2C3D.



This preview shows how white text looks on a background with the Hex color 6D2C3D.

# 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**  
6D2C3D

**Protanopia**  
424249

**Deuteranopia**  
4C403A



**Tritanopia**  
6C2E31

# Trichromacy



**Original Color**  
6D2C3D

**Protanomaly**  
523A45

**Deuteranomaly**  
58393B

**Tritanomaly**  
6C2D35

# Monochromacy



**Original Color**  
6D2C3D

**Achromatopsia**  
414141

**Achromatomaly**  
513940

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2C3D 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 #6D2C3D looks like.

```
.text, #text, p{  
    color:#6D2C3D  
}
```

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 #6D2C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2C3D
}
```

## Border

The CSS property to change the border of an element to Hex 6D2C3D 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
#6D2C3D }
```

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

```
.border{ border-color:#6D2C3D }
```

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

Here you see how a box with a 4 pixel #6D2C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2C3D; -webkit-box-shadow:4px 4px  
4px 4px #6D2C3D; box-shadow:4px 4px 4px  
4px #6D2C3D }
```

# Background

The CSS property to change the background color of an element to Hex 6D2C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2C3D }
```

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

```
.background{ background-color:#6D2C3D }
```

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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