

# Converting Colors

Hex(6D2D34)

Have a look what the booklet for  
Hex(6D2D34) contains.

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**Color**

**Hex(6D2D34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D2D34
RGB	109, 45, 52
RGB Percent	43%, 18%, 20%
CMY	0.5725, 0.8235, 0.7961
CMYK	0.00, 0.59, 0.52, 0.57
HSL	353°, 42%, 30%
HSV	353°, 59%, 43%
XYZ	7.8649, 5.3759, 3.8719
YIQ	64.9340, 35.8970, 15.7450

# Conversions

## Conversions Part 2

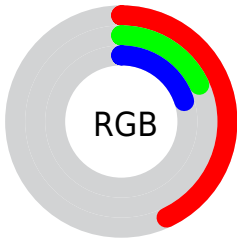
Format	Color
<b>RYB</b>	109, 45, 52
Decimal	7154996
CIELab	27.78, 29.18, 9.71
CIElCh	28, 30.750, 18.415
Yxy	5.3759, 0.4596, 0.3141
Android (android.graphics.Color)	4285345076 (0xFF6D2D34)
YUV	64.9340, -6.3765, 38.6459
Hunter-Lab	23.1860, 19.9732, 6.3291

# Details

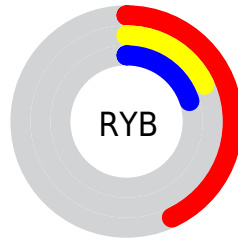
The Hex color **6D2D34** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D6D66**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A45D62**, and **3A0006** is the 20% darker color. If you saturate the color by 10%, you get **6D222A**, and if you desaturate by 10%, it is **6D383E**.

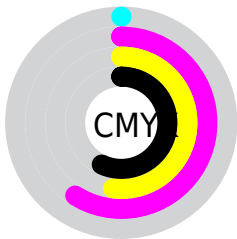
# Distribution



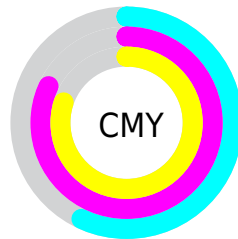
- Red (43%)
- Green (18%)
- Blue (20%)



- Red (43%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (59%)
- Yellow (52%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2D34 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 6D2D34 by changing the saturation by 10% instead.



 6D2D34

 6D2D34

FFFFFF

 53151F

 A45D62

 3A0006

 C0777B

 210001

 DD9195

 000000

 FAACB0

 FFC7CB

 FFE4E7

 6D2D34

 6D2D34

 6D222A

 6D383E

 6D1721

 6D4347

 6D0C17

 6D4E51

 6D010D

 6D595B

 6D000C

 6D6365

 6D6E6E

 6D7978

 6D8482

 6D8F8B

# Harmonies

## Analogous

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



682D4C



6D2D34



66341F

# Triad

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



6D2D34



254A21



004770

# Complementary

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



6D2D34



2D6D66

# 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.



004B64



6D2D34



004D37

# Square

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



6D2D34



404511



004D50



323F6E

# Rectangle

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



6D2D34



5C3A15



004D50



00496D



# Sweetspot

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



6D2D34



8F7578



662D6D



473839



C7C7C7



474747



# Same Dimension

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



6D2D34



8F2B36



6D462D



363031



75000D



F5001B



# Inverse Universe

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



6D2D34



8F2B36



2D546D



363031



75000D

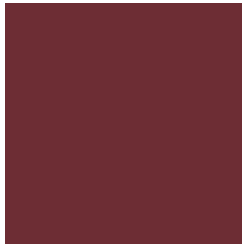


F5001B



# Previews

## White Background



This preview shows how the Hex color 6D2D34 looks on a white background.

## Color Contrast Check

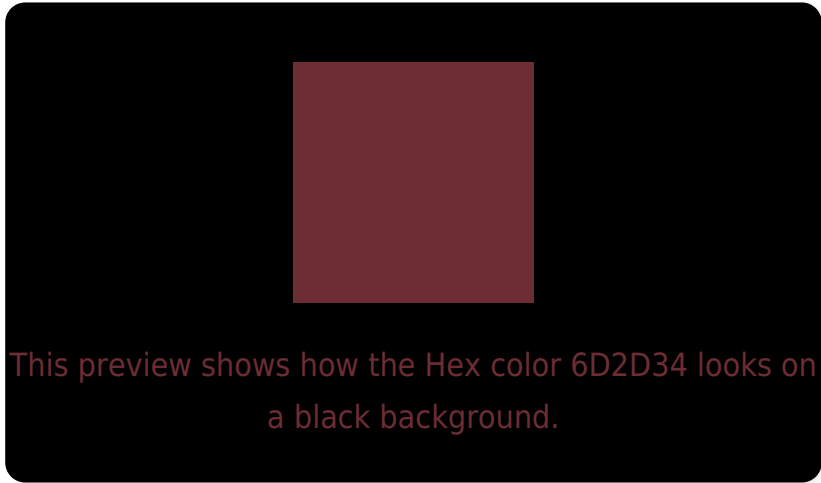
Large Text (above 18pt) WCAG AA ✓ Pass

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

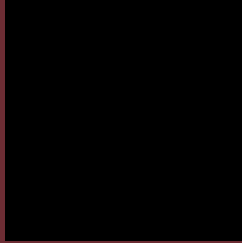
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D2D34 Background



This preview shows how black text looks on a background with the Hex color 6D2D34.



This preview shows how white text looks on a background with the Hex color 6D2D34.

# 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**  
6D2D34

**Protanopia**  
45423E

**Deuteranopia**  
4F4031



**Tritanopia**  
6D2E31

# Trichromacy



**Original Color**

6D2D34

**Protanomaly**

543A3A

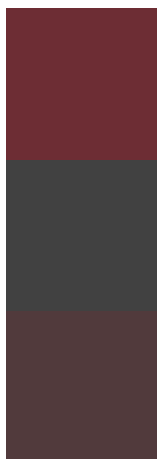
**Deuteranomaly**

5A3932

**Tritanomaly**

6D2E32

# Monochromacy



**Original Color**

6D2D34

**Achromatopsia**

414141

**Achromatomaly**

513A3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2D34 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 #6D2D34 looks like.

```
.text, #text, p{  
    color:#6D2D34  
}
```

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 #6D2D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2D34
}
```

## Border

The CSS property to change the border of an element to Hex 6D2D34 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
#6D2D34 }
```

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

```
.border{ border-color:#6D2D34 }
```

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

Here you see how a box with a 4 pixel #6D2D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2D34; -webkit-box-shadow:4px 4px  
4px 4px #6D2D34; box-shadow:4px 4px 4px  
4px #6D2D34 }
```

# Background

The CSS property to change the background color of an element to Hex 6D2D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2D34 }
```

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

```
.background{ background-color:#6D2D34 }
```

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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