

Converting Colors

Hex(6D2A33)

Have a look what the booklet for
Hex(6D2A33) contains.

Hex(6D2A33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D2A33)

Conversions

Conversions Part 1

Format	Color
Hex	6D2A33
RGB	109, 42, 51
RGB Percent	43%, 16%, 20%
CMY	0.5725, 0.8353, 0.8000
CMYK	0.00, 0.61, 0.53, 0.57
HSL	352°, 44%, 30%
HSV	352°, 61%, 43%
XYZ	7.7322, 5.1462, 3.7177
YIQ	63.0590, 37.0430, 17.0030

Conversions

Conversions Part 2

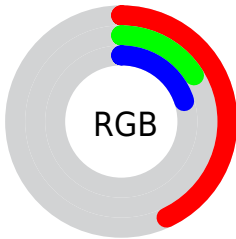
Format	Color
R_{YB}	109, 42, 51
Decimal	7154227
CIE _{Lab}	27.15, 30.67, 9.51
CIE _{LCh}	27, 32.110, 17.223
Yxy	5.1462, 0.4659, 0.3101
Android (android.graphics.Color)	4285344307 (0xFF6D2A33)
YUV	63.0590, -5.9451, 40.2903
Hunter-Lab	22.6851, 21.1423, 6.1629

Details

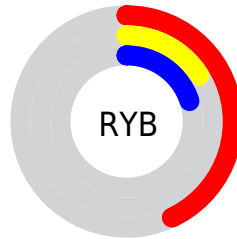
The Hex color **6D2A33** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A6D64**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A45B61**, and **390005** is the 20% darker color. If you saturate the color by 10%, you get **6D1F2A**, and if you desaturate by 10%, it is **6D353C**.

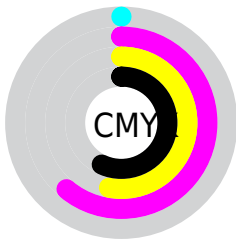
Distribution



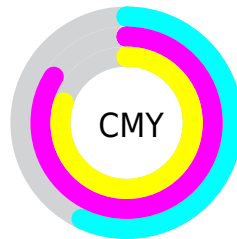
- Red (43%)
- Green (16%)
- Blue (20%)



- Red (43%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (53%)
- Black (57%)



- Cyan (57%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2A33 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 6D2A33 by changing the saturation by 10% instead.



6D2A33



6D2A33

FFFFFF



53121E



A45B61



390005



C0747A



200001



DD8E94



000000



FAA9AE



FFC4CA



FFE1E6



FFFEFF



6D2A33



6D2A33

 6D1F2A

 6D353C

 6D1420

 6D4046

 6D0917

 6D4B4F

 6D000F

 6D5659

 6D6162

 6D6B6C

 6D7675

 6D817E

 6D8C88

Harmonies

Analogous

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



672B4C



6D2A33



66311D

Triad

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



6D2A33



23491D



004670

Complementary

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



6D2A33



2A6D64

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.



004A64



6D2A33



004B34

Square

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



6D2A33



40430D



004C4E



2D3E6F

Rectangle

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



6D2A33



5C3811



004C4E



00486D

Sweetspot

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



6D2A33



8F7579



632A6D



47383A



C7C7C7



474747

Same Dimension

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



6D2A33



8F2533



6D412A



363031



750010



F50021

Inverse Universe

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



6D2A33



8F2533



2A566D



363031



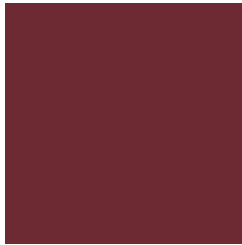
750010



F50021

Previews

White Background



This preview shows how the Hex color 6D2A33 looks on a white background.

Color Contrast Check

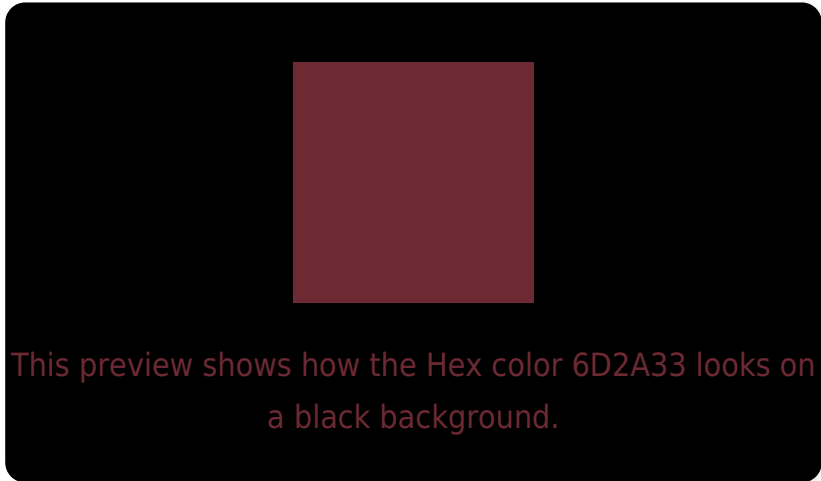
Large Text (above 18pt) WCAG AA ✓ Pass

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

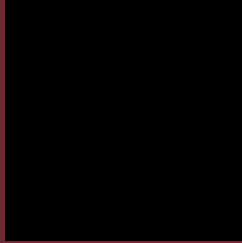
Any Text WCAG AA × Fail

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 6D2A33 Background



This preview shows how black text looks on a background with the Hex color 6D2A33.



This preview shows how white text looks on a background with the Hex color 6D2A33.

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
6D2A33

Protanopia
43413E

Deuteranopia
4D3E30



Tritanopia
6D2B2E

Trichromacy



Original Color
6D2A33

Protanomaly
52393A

Deuteranomaly
593731

Tritanomaly
6D2B30

Monochromacy



Original Color
6D2A33

Achromatopsia
3F3F3F

Achromatomaly
50373B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2A33 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 #6D2A33 looks like.

```
.text, #text, p{  
    color:#6D2A33  
}
```

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 #6D2A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2A33
}
```

Border

The CSS property to change the border of an element to Hex 6D2A33 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
#6D2A33 }
```

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

```
.border{ border-color:#6D2A33 }
```

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

Here you see how a box with a 4 pixel #6D2A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2A33; -webkit-box-shadow:4px 4px  
4px 4px #6D2A33; box-shadow:4px 4px 4px  
4px #6D2A33 }
```

Background

The CSS property to change the background color of an element to Hex 6D2A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2A33 }
```

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

```
.background{ background-color:#6D2A33 }
```

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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