

Converting Colors

Hex(6D2949)

Have a look what the booklet for
Hex(6D2949) contains.

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Color

Hex(6D2949)

Conversions

Conversions Part 1

Format	Color
Hex	6D2949
RGB	109, 41, 73
RGB Percent	43%, 16%, 29%
CMY	0.5725, 0.8392, 0.7137
CMYK	0.00, 0.62, 0.33, 0.57
HSL	332°, 45%, 29%
HSV	332°, 62%, 43%
XYZ	8.3022, 5.3181, 6.8923
YIQ	64.9800, 30.2560, 24.3680

Conversions

Conversions Part 2

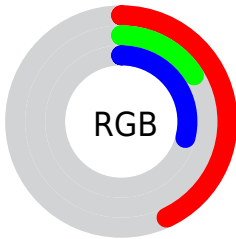
Format	Color
R_{YB}	109, 41, 73
Decimal	7153993
CIE Lab	27.62, 33.82, -4.50
CIE LCh	28, 34.117, 352.428
Yxy	5.3181, 0.4047, 0.2593
Android (android.graphics.Color)	4285344073 (0xFF6D2949)
YUV	64.9800, 3.9539, 38.6055
Hunter-Lab	23.0611, 23.9049, -1.5772

Details

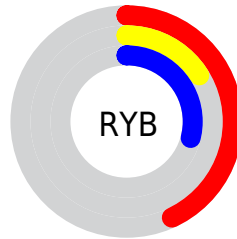
The Hex color **6D2949** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **296D4D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A35A7A**, and **3A001E** is the 20% darker color. If you saturate the color by 10%, you get **6D1E43**, and if you desaturate by 10%, it is **6D344F**.

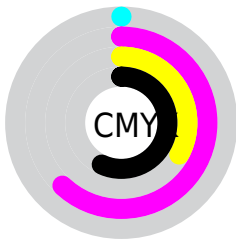
Distribution



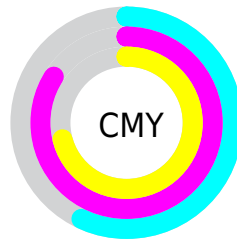
- Red (43%)
- Green (16%)
- Blue (29%)



- Red (43%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (62%)
- Yellow (33%)
- Black (57%)



- Cyan (57%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2949 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 6D2949 by changing the saturation by 10% instead.

 6D2949

 6D2949

FFFFFF

 531033

 A35A7A

 3A001E

 BF7493

 250002

 DB8EAE

 000000

 F9A9C9

 FFC4E5

 FFE1FF

 FFFEFF

 6D2949

 6D2949

■ 6D1E43

■ 6D344F

■ 6D133D

■ 6D3F55

■ 6D0838

■ 6D4A5A

■ 6D0033

■ 6D5560

■ 6D6066

■ 6D6A6C

■ 6D7571

■ 6D8077

■ 6D8B7D

Harmonies

Analogous

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



5A3261



6D2949



702A2F

Triad

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



6D2949



3C460B



004C6A

Complementary

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



6D2949



296D4D

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.



004E54



6D2949



1A4B20

Square

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



6D2949



543E08



004D39



004675

Rectangle

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



6D2949



6B301F



004D39



004D64

Sweetspot

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



6D2949



8F7480



4C296D



47373F



C7C7C7



474747

Same Dimension

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



6D2949



8F2456



6D2A29



363033



750037



F50073

Inverse Universe

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



6D2949



8F2456



296C6D



363033



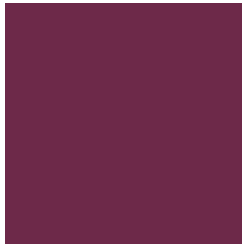
750037



F50073

Previews

White Background



This preview shows how the Hex color 6D2949 looks on a white background.

Color Contrast Check

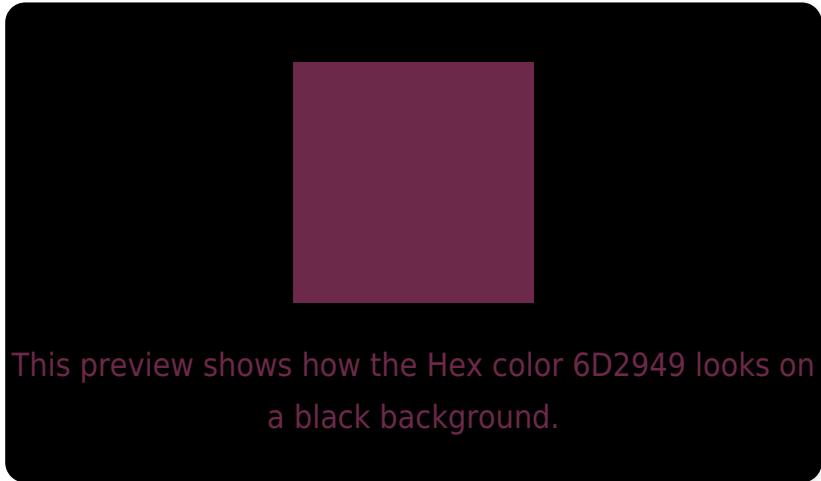
Large Text (above 18pt) WCAG AA ✓ Pass

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

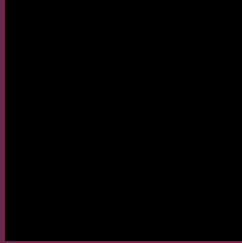
Any Text WCAG AA × Fail

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 6D2949 Background



This preview shows how black text looks on a background with the Hex color 6D2949.



This preview shows how white text looks on a background with the Hex color 6D2949.

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
6D2949

Protanopia
3B4159

Deuteranopia
474046



Tritanopia
6B2E31

Trichromacy



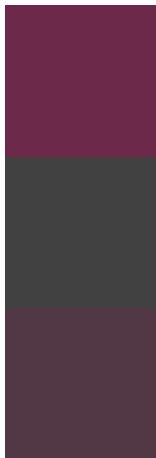
Original Color
6D2949

Protanomaly
4D3853

Deuteranomaly
553847

Tritanomaly
6C2C3A

Monochromacy



Original Color
6D2949

Achromatopsia
414141

Achromatomaly
513844

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2949 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 #6D2949 looks like.

```
.text, #text, p{  
    color:#6D2949  
}
```

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 #6D2949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2949
}
```

Border

The CSS property to change the border of an element to Hex 6D2949 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
#6D2949 }
```

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

```
.border{ border-color:#6D2949 }
```

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

Here you see how a box with a 4 pixel #6D2949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2949; -webkit-box-shadow:4px 4px  
4px 4px #6D2949; box-shadow:4px 4px 4px  
4px #6D2949 }
```

Background

The CSS property to change the background color of an element to Hex 6D2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2949 }
```

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

```
.background{ background-color:#6D2949 }
```

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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