

Converting Colors

Hex(6D370A)

Have a look what the booklet for
Hex(6D370A) contains.

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Color

Hex(6D370A)

Conversions

Conversions Part 1

Format	Color
Hex	6D370A
RGB	109, 55, 10
RGB Percent	43%, 22%, 4%
CMY	0.5725, 0.7843, 0.9608
CMYK	0.00, 0.50, 0.91, 0.57
HSL	27°, 83%, 23%
HSV	27°, 91%, 43%
XYZ	7.7276, 6.0055, 1.0390
YIQ	66.0160, 46.6290, -2.5470

Conversions

Conversions Part 2

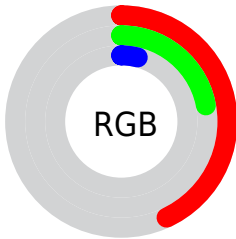
Format	Color
RYB	109, 93, 10
Decimal	7157514
CIELab	29.43, 20.80, 35.90
CIELCh	29, 41.492, 59.907
Yxy	6.0055, 0.5231, 0.4065
Android (android.graphics.Color)	4285347594 (0xFF6D370A)
YUV	66.0160, -27.6159, 37.6970
Hunter-Lab	24.5061, 13.4017, 14.6404

Details

The Hex color **6D370A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A406D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A56739**, and **370B00** is the 20% darker color. If you saturate the color by 10%, you get **6D3200**, and if you desaturate by 10%, it is **6D3D15**.

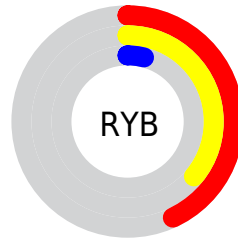
Distribution



Red (43%)

Green (22%)

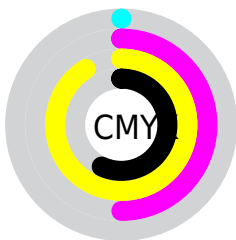
Blue (4%)



Red (43%)

Yellow (36%)

Blue (4%)

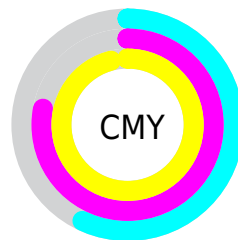


Cyan (0%)

Magenta (50%)

Yellow (91%)

Black (57%)



Cyan (57%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D370A 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 6D370A by changing the saturation by 10% instead.

 6D370A

 6D370A

 FFFFFF1

 522100

 A56739

 370B00

 C28051

 200001

 E09A69

 000000

 FEB583

 FFD19D

 FFEDB9

 FFFFD4

 6D370A

 6D370A

■ 6D3200

■ 6D3D15

■ 6D4320

■ 6D492B

■ 6D4F36

■ 6D5541

■ 6D5B4B

■ 6D6156

■ 6D6761

■ 6D6D6C

Harmonies

Analogous

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



7C2927



6D370A



544400

Triad

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



6D370A



005444



433D7D

Complementary

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



6D370A



0A406D

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.



004986



6D370A



005465

Square

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



6D370A



005223



00517D



6B2D66

Rectangle

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



6D370A



404A00



00517D



2D4182

Sweetspot

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



6D370A



8F7A68



6D0A40



473B31



C7C7C7



474747

Same Dimension

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



6D370A



8F4100



6D680A



363330



753500



F56F00

Inverse Universe

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



0A406D



004E8F



0A0F6D



303336



004075



0086F5

Previews

White Background



This preview shows how the Hex color 6D370A 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

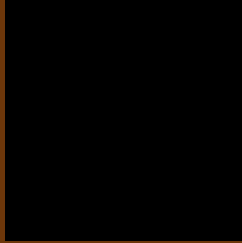
Any Text WCAG AA × Fail

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 6D370A Background



This preview shows how black text looks on a background with the Hex color 6D370A.



This preview shows how white text looks on a background with the Hex color 6D370A.

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
6D370A

Protanopia
4F460E

Deuteranopia
594300



Tritanopia
6F3337

Trichromacy



Original Color
6D370A

Protanomaly
5A410D

Deuteranomaly
603F04

Tritanomaly
6E3427

Monochromacy



Original Color
6D370A

Achromatopsia
424242

Achromatomaly
523E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D370A 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 #6D370A looks like.

```
.text, #text, p{  
    color:#6D370A  
}
```

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 #6D370A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D370A
}
```

Border

The CSS property to change the border of an element to Hex 6D370A is called "border". The border property can be set on classes, ids or directly on the HTML element.

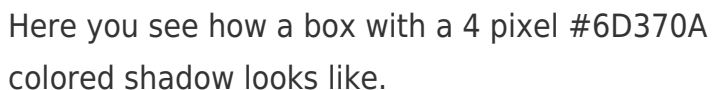
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D370A }
```

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

```
.border{ border-color:#6D370A }
```

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



Here you see how a box with a 4 pixel #6D370A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D370A; -webkit-box-shadow:4px 4px  
4px 4px #6D370A; box-shadow:4px 4px 4px  
4px #6D370A }
```

Background

The CSS property to change the background color of an element to Hex 6D370A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D370A }
```

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

```
.background{ background-color:#6D370A }
```

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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