

Converting Colors

Hex(6D3A18)

Have a look what the booklet for
Hex(6D3A18) contains.

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Color

Hex(6D3A18)

Conversions

Conversions Part 1

Format	Color
Hex	6D3A18
RGB	109, 58, 24
RGB Percent	43%, 23%, 9%
CMY	0.5725, 0.7725, 0.9059
CMYK	0.00, 0.47, 0.78, 0.57
HSL	24°, 64%, 26%
HSV	24°, 78%, 43%
XYZ	7.9846, 6.3433, 1.6677
YIQ	69.3730, 41.3100, 0.2380

Conversions

Conversions Part 2

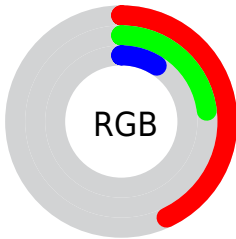
Format	Color
RYB	109, 81, 24
Decimal	7158296
CIELab	30.26, 19.57, 30.09
CIElCh	30, 35.900, 56.958
Yxy	6.3433, 0.4992, 0.3966
Android (android.graphics.Color)	4285348376 (0xFF6D3A18)
YUV	69.3730, -22.3689, 34.7529
Hunter-Lab	25.1858, 12.5141, 13.7042

Details

The Hex color **6D3A18** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **184B6D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A46A45**, and **380E00** is the 20% darker color. If you saturate the color by 10%, you get **6D330D**, and if you desaturate by 10%, it is **6D4123**.

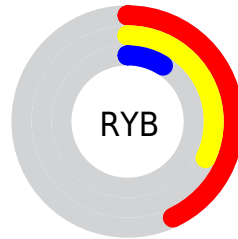
Distribution



Red (43%)

Green (23%)

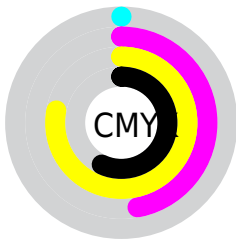
Blue (9%)



Red (43%)

Yellow (32%)

Blue (9%)

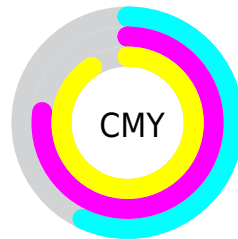


Cyan (0%)

Magenta (47%)

Yellow (78%)

Black (57%)



Cyan (57%)

Magenta (77%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3A18 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 6D3A18 by changing the saturation by 10% instead.

 6D3A18

 6D3A18

FFFFFF

 522400

 A46A45

 380E00

 C1835D

 220001

 DE9D76

 000000

 FCB890

 FFD4AB

 FFF1C6

 FFFFE2

 6D3A18

 6D3A18

■ 6D330D

■ 6D4123

■ 6D2D02

■ 6D472E

■ 6D2C00

■ 6D4E39

■ 6D5444

■ 6D5B4F

■ 6D6159

■ 6D6864

■ 6D6E6F

■ 6D757A

Harmonies

Analogous

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



793030



6D3A18



584509

Triad

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



6D3A18



005443



424179

Complementary

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



6D3A18



184B6D

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.



004B7F



6D3A18



005460

Square

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



6D3A18



155227



005276



663566

Rectangle

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



6D3A18



474B0B



005276



30457D

Sweetspot

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



6D3A18



8F7B6E



6D184B



473B33



C7C7C7



474747

Same Dimension

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



6D3A18



8F3E09



6D6418



363230



752F00



F56200

Inverse Universe

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



184B6D



09598F



18206D



303336



004675



0093F5

Previews

White Background



This preview shows how the Hex color 6D3A18 looks on a white background.

Color Contrast Check

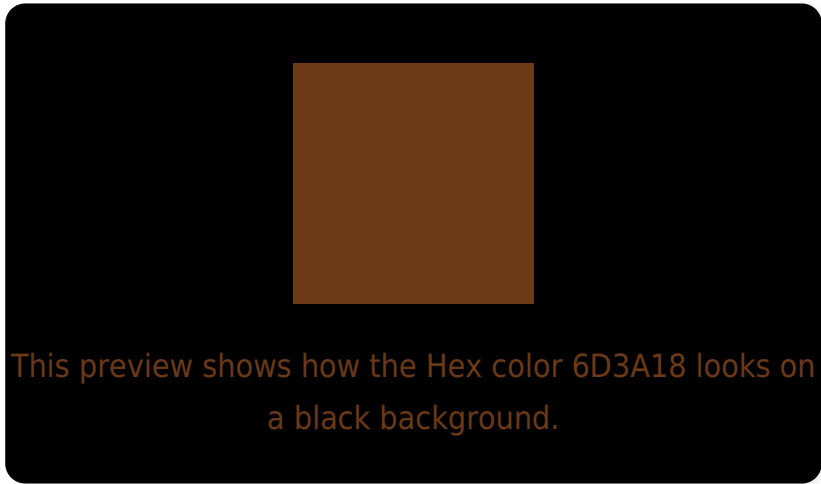
Large Text (above 18pt) WCAG AA ✓ Pass

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

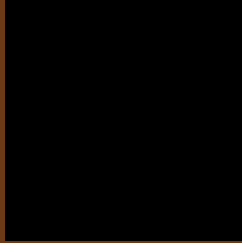
Any Text WCAG AA × Fail

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 6D3A18 Background



This preview shows how black text looks on a background with the Hex color 6D3A18.



This preview shows how white text looks on a background with the Hex color 6D3A18.

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
6D3A18

Protanopia
50481C

Deuteranopia
5A4415



Tritanopia
6F363A

Trichromacy



Original Color
6D3A18

Protanomaly
5B431B

Deuteranomaly
614016

Tritanomaly
6E372E

Monochromacy



Original Color
6D3A18

Achromatopsia
454545

Achromatomaly
544135

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3A18 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 #6D3A18 looks like.

```
.text, #text, p{  
    color:#6D3A18  
}
```

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 #6D3A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3A18
}
```

Border

The CSS property to change the border of an element to Hex 6D3A18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

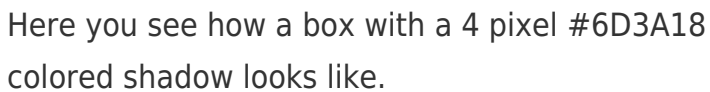
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3A18 }
```

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

```
.border{ border-color:#6D3A18 }
```

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



Here you see how a box with a 4 pixel #6D3A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3A18; -webkit-box-shadow:4px 4px  
4px 4px #6D3A18; box-shadow:4px 4px 4px  
4px #6D3A18 }
```

Background

The CSS property to change the background color of an element to Hex 6D3A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3A18 }
```

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

```
.background{ background-color:#6D3A18 }
```

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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