

Converting Colors

Hex(7D6B23)

Have a look what the booklet for
Hex(7D6B23) contains.

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Color

Hex(7D6B23)

Conversions

Conversions Part 1

Format	Color
Hex	7D6B23
RGB	125, 107, 35
RGB Percent	49%, 42%, 14%
CMY	0.5098, 0.5804, 0.8627
CMYK	0.00, 0.14, 0.72, 0.51
HSL	48°, 56%, 31%
HSV	48°, 72%, 49%
XYZ	14.0185, 14.9967, 3.7459
YIQ	104.1740, 33.8400, -18.5760

Conversions

Conversions Part 2

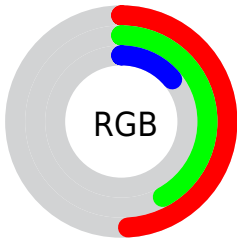
Format	Color
RYB	58, 125, 35
Decimal	8219427
CIELab	45.63, -1.47, 41.21
CIELCh	46, 41.237, 92.044
Yxy	14.9967, 0.4279, 0.4578
Android (android.graphics.Color)	4286409507 (0xFF7D6B23)
YUV	104.1740, -34.1028, 18.2644
Hunter-Lab	38.7256, -3.1535, 21.3728

Details

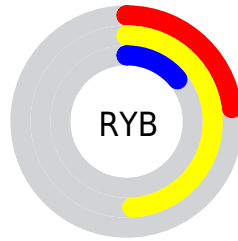
The Hex color **7D6B23** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23357D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B49E54**, and **493C00** is the 20% darker color. If you saturate the color by 10%, you get **7D6917**, and if you desaturate by 10%, it is **7D6E30**.

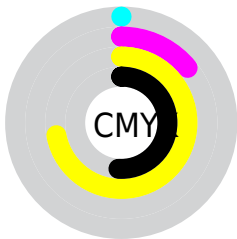
Distribution



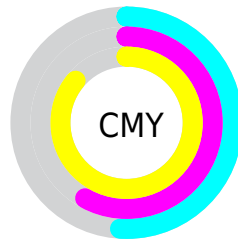
- Red (49%)
- Green (42%)
- Blue (14%)



- Red (23%)
- Yellow (49%)
- Blue (14%)



- Cyan (0%)
- Magenta (14%)
- Yellow (72%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D6B23 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 7D6B23 by changing the saturation by 10% instead.

 7D6B23

 7D6B23

FFFFFF

 625308

 B49E54

 493C00

 D1B96D

 302700

 EED588

 171300

 FFF1A2

 000000

 FFFFBE

 FFFFDA

 FFFFF7

 7D6B23

 7D6B23

■ 7D6917

■ 7D6E30

■ 7D660A

■ 7D703C

■ 7D6400

■ 7D7349

■ 7D7555

■ 7D7762

■ 7D7A6E

■ 7D7D7A

■ 7D7F87

■ 7D8293

Harmonies

Analogous

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



995E2F



7D6B23



5A752E

Triad

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



7D6B23



007C90



98548D

Complementary

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



7D6B23



23357D

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.



7162A7



7D6B23



0078A8

Square

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



7D6B23



007D6D



286FB1



AA4D6B

Rectangle

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



7D6B23



3C7940



286FB1



8D5997

Sweetspot

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



7D6B23



A39C7F



7D2335



524D3C



D1D1D1



525252

Same Dimension

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



7D6B23



A38717



627D23



403E39



806600



000000

Inverse Universe

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



23357D



1733A3



3E237D



393B40



001A80



000000

Previews

White Background



This preview shows how the Hex color 7D6B23 looks on a white background.

Color Contrast Check

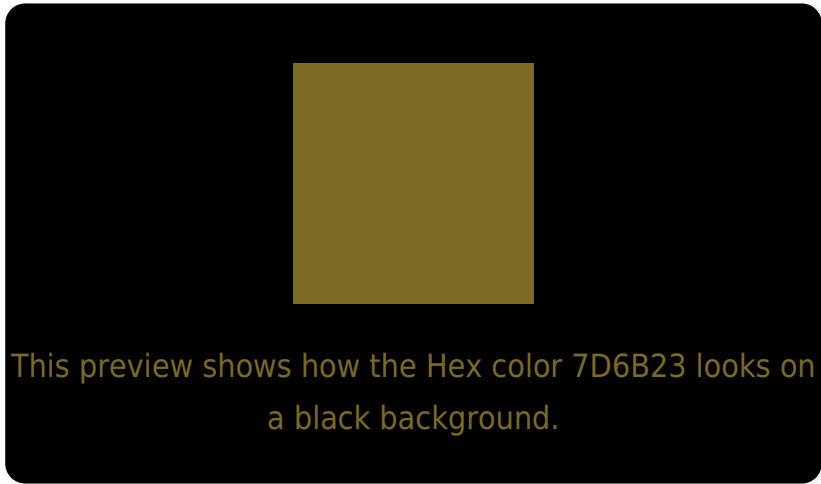
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

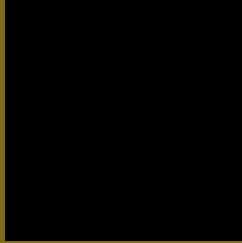
Any Text WCAG AA × Fail

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 7D6B23 Background



This preview shows how black text looks on a background with the Hex color 7D6B23.



This preview shows how white text looks on a background with the Hex color 7D6B23.

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
7D6B23

Protanopia
796C23

Deuteranopia
876725



Tritanopia
83646C

Trichromacy



Original Color
7D6B23

Protanomaly
7A6C23

Deuteranomaly
836824

Tritanomaly
816751

Monochromacy



Original Color
7D6B23

Achromatopsia
686868

Achromatomaly
70694F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D6B23 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 #7D6B23 looks like.

```
.text, #text, p{  
    color:#7D6B23  
}
```

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 #7D6B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6B23
}
```

Border

The CSS property to change the border of an element to Hex 7D6B23 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
#7D6B23 }
```

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

```
.border{ border-color:#7D6B23 }
```

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

Here you see how a box with a 4 pixel #7D6B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6B23; -webkit-box-shadow:4px 4px  
4px 4px #7D6B23; box-shadow:4px 4px 4px  
4px #7D6B23 }
```

Background

The CSS property to change the background color of an element to Hex 7D6B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6B23 }
```

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

```
.background{ background-color:#7D6B23 }
```

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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