

Converting Colors

Hex(DB7A23)

Have a look what the booklet for
Hex(DB7A23) contains.

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Color

Hex(DB7A23)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DB7A23 |
| RGB | 219, 122, 35 |
| RGB Percent | 86%, 48%, 14% |
| CMY | 0.1412, 0.5216, 0.8627 |
| CMYK | 0.00, 0.44, 0.84, 0.14 |
| HSL | 28°, 72%, 50% |
| HSV | 28°, 84%, 86% |
| XYZ | 36.4763, 29.1005, 5.2846 |
| YIQ | 141.0850, 85.7390, -6.4930 |

Conversions

Conversions Part 2

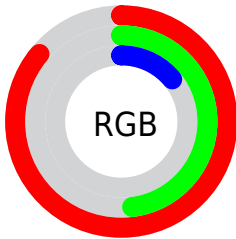
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 219, 200, 35 |
| Decimal | 14383651 |
| CIE _{Lab} | 60.87, 32.01, 59.58 |
| CIE _{LCh} | 61, 67.638, 61.750 |
| Yxy | 29.1005, 0.5148, 0.4107 |
| Android (android.graphics.Color) | 4292573731 (0xFFDB7A23) |
| YUV | 141.0850, -52.2999, 68.3315 |
| Hunter-Lab | 53.9449, 26.2942, 31.9532 |

Details

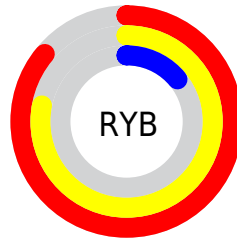
The Hex color **DB7A23** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2384DB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAF58**, and **9E4800** is the 20% darker color. If you saturate the color by 10%, you get **DB6E0D**, and if you desaturate by 10%, it is **DB8639**.

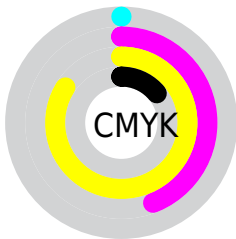
Distribution



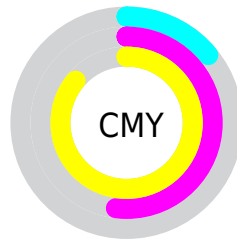
- Red (86%)
- Green (48%)
- Blue (14%)



- Red (86%)
- Yellow (78%)
- Blue (14%)



- Cyan (0%)
- Magenta (44%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (52%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7A23 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 DB7A23 by changing the saturation by 10% instead.

 DB7A23

 DB7A23

FFFFFFF

 BC6100

 FFAF58

 9E4800

 FFCB73

 803000

 FFE78D

 621800

 FFFFA9

 460000

 FFFFC5

 2E0001

 FFFFEE

 000000

FFFFFFE

 DB7A23

 DB7A23

 DB6E0D

 DB8639

 DB6800

 DB914F

 DB9D65

 DBA87B

 DBB491

 DBBFA6

 DBCBBC

 DBD6D2

 DBE2E8

Harmonies

Analogous

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



F86058



DB7A23



AC9100

Triad

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



DB7A23



00AE95



9681F9

Complementary

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



DB7A23



2384DB

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.



0099FF



DB7A23



00AED0

Square

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



DB7A23



00AA57



00A7FC



DD65CC

Rectangle

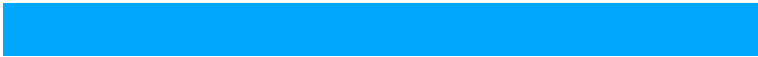
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DB7A23



869D05



00A7FC



708AFF

Sweetspot

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



DB7A23



FFDDBF



DB2385



806B59



000000



808080

Same Dimension

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



DB7A23



FF7900



DBD523



6E6863



AD5200



2E1600

Inverse Universe

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



2384DB



0086FF



2329DB



63686E



005BAD



00182E

Previews

White Background



This preview shows how the Hex color DB7A23 looks on a white background.

Color Contrast Check

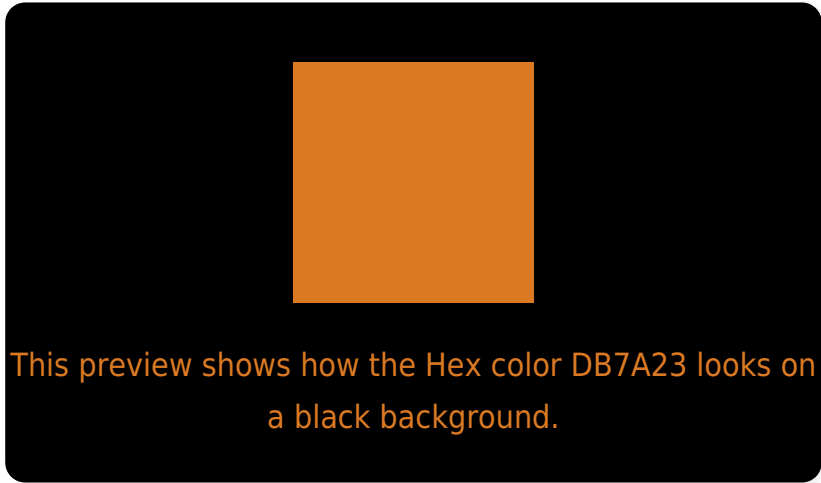
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DB7A23 Background



This preview shows how black text looks on a background with the Hex color DB7A23.



This preview shows how white text looks on a background with the Hex color DB7A23.

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
DB7A23

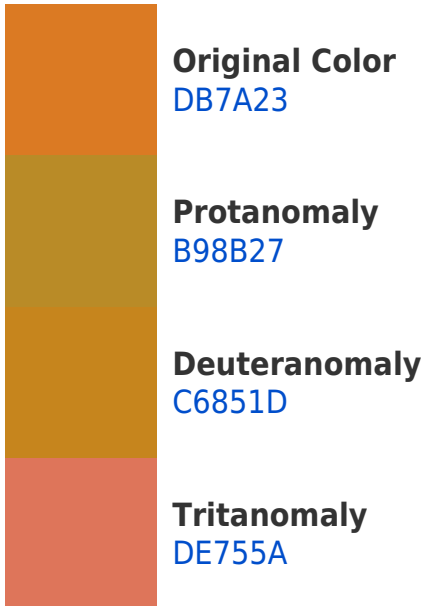
Protanopia
A5942A

Deuteranopia
BA8C1A

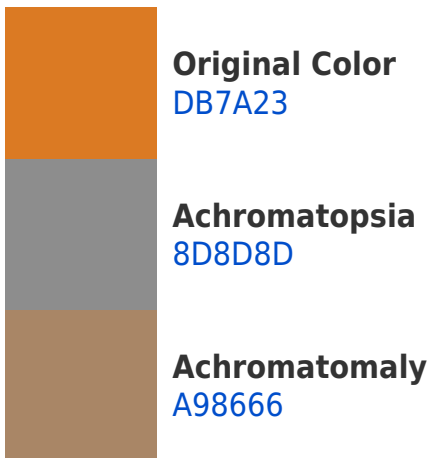


Tritanopia
DF727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7A23 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 #DB7A23 looks like.

```
.text, #text, p{  
    color:#DB7A23  
}
```

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 #DB7A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7A23
}
```

Border

The CSS property to change the border of an element to Hex DB7A23 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
#DB7A23 }
```

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

```
.border{ border-color:#DB7A23 }
```

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

Here you see how a box with a 4 pixel #DB7A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7A23; -webkit-box-shadow:4px 4px  
4px 4px #DB7A23; box-shadow:4px 4px 4px  
4px #DB7A23 }
```

Background

The CSS property to change the background color of an element to Hex DB7A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7A23 }
```

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

```
.background{ background-color:#DB7A23 }
```

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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