

Converting Colors

Hex(D79023)

Have a look what the booklet for
Hex(D79023) contains.

Hex(D79023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D79023)

Conversions

Conversions Part 1

Format	Color
Hex	D79023
RGB	215, 144, 35
RGB Percent	84%, 56%, 14%
CMY	0.1569, 0.4353, 0.8627
CMYK	0.00, 0.33, 0.84, 0.16
HSL	36°, 72%, 49%
HSV	36°, 84%, 84%
XYZ	38.3010, 34.5149, 6.2335
YIQ	152.8030, 77.3050, -18.8470

Conversions

Conversions Part 2

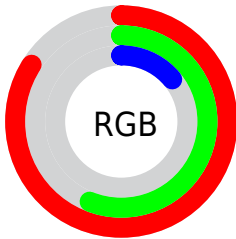
Format	Color
RYB	152, 215, 35
Decimal	14127139
CIELab	65.37, 18.58, 63.21
CIELCh	65, 65.885, 73.617
Yxy	34.5149, 0.4845, 0.4366
Android (android.graphics.Color)	4292317219 (0xFFD79023)
YUV	152.8030, -58.0769, 54.5468
Hunter-Lab	58.7494, 13.5594, 34.8338

Details

The Hex color **D79023** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **236AD7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC65B**, and **9B5E00** is the 20% darker color. If you saturate the color by 10%, you get **D7880E**, and if you desaturate by 10%, it is **D79839**.

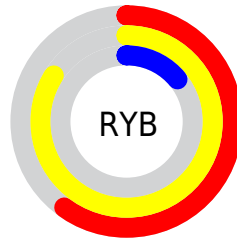
Distribution



Red (84%)

Green (56%)

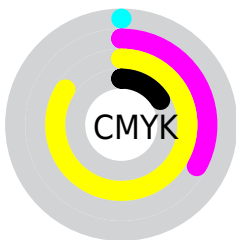
Blue (14%)



Red (60%)

Yellow (84%)

Blue (14%)

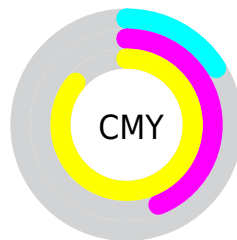


Cyan (0%)

Magenta (33%)

Yellow (84%)

Black (16%)



Cyan (16%)

Magenta (44%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color D79023 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 D79023 by changing the saturation by 10% instead.

 D79023

 D79023

FFFFFF

 B97600

 FFC65B

 9B5E00

 FFE275

 7E4600

 FFFE91

 612F00

 FFFFAC

 451A00

 FFFFC9

 2B0400

 FFFF6E

 000000

 D79023

 D79023

 D7880E

 D79839

 D78200

 D7A14E

 D7A964

 D7B279

 D7BA8F

 D7C3A4

 D7CBBA

 D7D4CF

 D7DCE5

Harmonies

Analogous

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



FC784F



D79023



A3A418

Triad

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



D79023



00BBB9



C483F5

Complementary

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



D79023



236AD7

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.



599CFF



D79023



00B8EF

Square

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



D79023



00B97B



00AEFF



F96BC2

Rectangle

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



D79023



79AE32



00AEFF



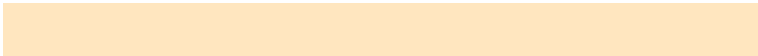
A98CFF

Sweetspot

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



D79023



FFE6BF



D7236B



807059



000000



808080

Same Dimension

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



D79023



FF9A00



C5D723



6B6760



AB6700



2B1A00

Inverse Universe

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



236AD7



0065FF



3523D7



60656B



0043AB



00112B

Previews

White Background



This preview shows how the Hex color D79023 looks on a white background.

Color Contrast Check

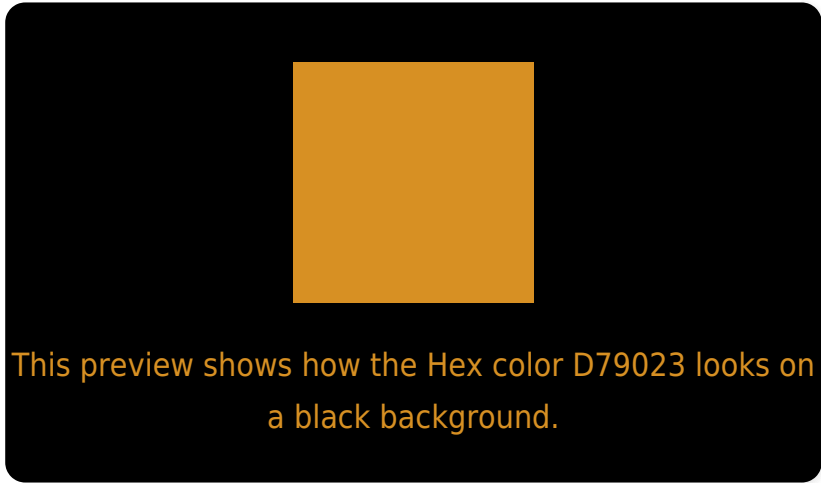
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex D79023 Background



This preview shows how black text looks on a background with the Hex color D79023.



This preview shows how white text looks on a background with the Hex color D79023.

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
D79023

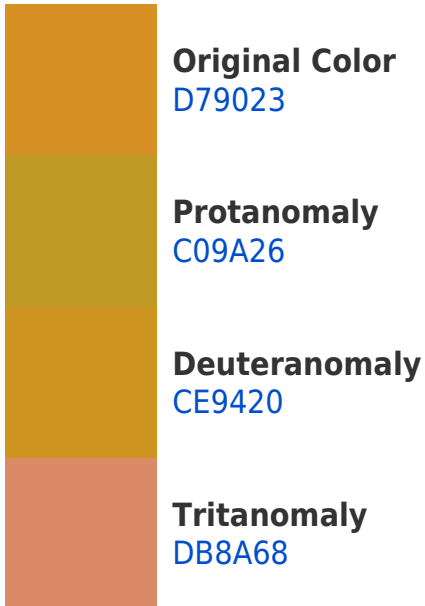
Protanopia
B39F27

Deuteranopia
C9971F

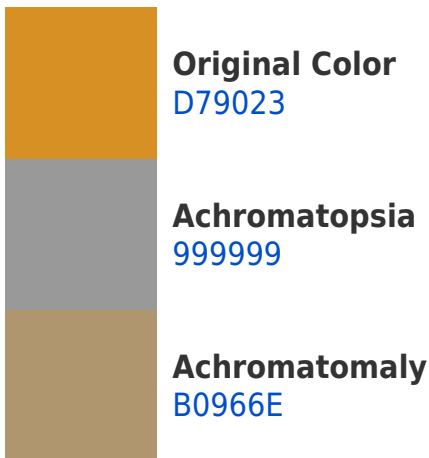


Tritanopia
DD8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D79023 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 #D79023 looks like.

```
.text, #text, p{  
    color:#D79023  
}
```

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 #D79023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D79023
}
```

Border

The CSS property to change the border of an element to Hex D79023 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
#D79023 }
```

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

```
.border{ border-color:#D79023 }
```

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

Here you see how a box with a 4 pixel #D79023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D79023; -webkit-box-shadow:4px 4px  
4px 4px #D79023; box-shadow:4px 4px 4px  
4px #D79023 }
```

Background

The CSS property to change the background color of an element to Hex D79023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D79023 }
```

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

```
.background{ background-color:#D79023 }
```

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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