

Converting Colors

Hex(78B23D)

Have a look what the booklet for
Hex(78B23D) contains.

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Color

Hex(78B23D)

Conversions

Conversions Part 1

Format	Color
Hex	78B23D
RGB	120, 178, 61
RGB Percent	47%, 70%, 24%
CMY	0.5294, 0.3020, 0.7608
CMYK	0.33, 0.00, 0.66, 0.30
HSL	90°, 49%, 47%
HSV	90°, 66%, 70%
XYZ	24.5084, 36.1708, 10.1048
YIQ	147.3200, 2.9890, -48.6830

Conversions

Conversions Part 2

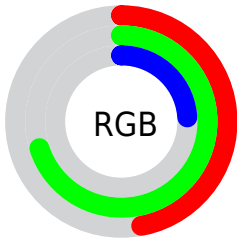
Format	Color
RYB	61, 178, 119
Decimal	7909949
CIELab	66.65, -38.01, 51.95
CIELCh	67, 64.368, 126.188
Yxy	36.1708, 0.3462, 0.5110
Android (android.graphics.Color)	4286100029 (0xFF78B23D)
YUV	147.3200, -42.5558, -23.9596
Hunter-Lab	60.1421, -32.5085, 32.1379

Details

The Hex color **78B23D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **773DB2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B0EA72**, and **427D00** is the 20% darker color. If you saturate the color by 10%, you get **6FB22B**, and if you desaturate by 10%, it is **81B24F**.

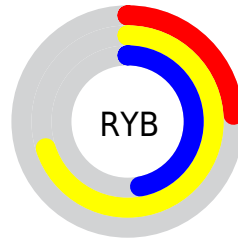
Distribution



Red (47%)

Green (70%)

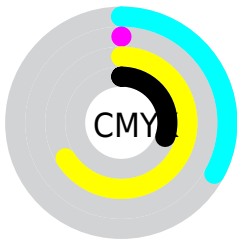
Blue (24%)



Red (24%)

Yellow (70%)

Blue (47%)

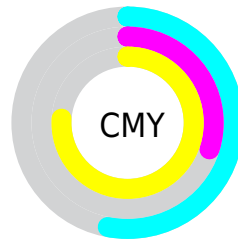


Cyan (33%)

Magenta (0%)

Yellow (66%)

Black (30%)



Cyan (53%)

Magenta (30%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B23D 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 78B23D by changing the saturation by 10% instead.

 78B23D

 78B23D

FFFFFF

 5D9721

 B0EA72

 427D00

 CCFF8D

 256300

 E9FFA8

 004B00

 FFFFC4

 003400

 FFFFEE

 001F00

FFFFFFE

 000000

 78B23D

 78B23D

 6FB22B

 81B24F

 66B219

 8AB261

 5EB208

 92B272

 5AB200

 9BB284

 A4B296

 ADB2A8

 B6B2BA

 BFB2CB

 C7B2DD

Harmonies

Analogous

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



B5A31F



78B23D



00BA71

Triad

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



78B23D



00B4FF



FF6B98

Complementary

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



78B23D



773DB2

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.



F175D2



78B23D



2EA5FF

Square

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



78B23D



00BCE5



B48EFF



FF7761

Rectangle

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



78B23D



00BD99



B48EFF



FF6CAC

Sweetspot

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



78B23D



D1E8BA



B2763D



677559



F5F5F5



757575

Same Dimension

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



78B23D



8DE831



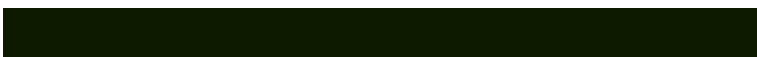
3FB23D



555950



4D9900



0D1A00

Inverse Universe

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



773DB2



8C31E8



B03DB2



555059



4C0099



0D001A

Previews

White Background



This preview shows how the Hex color 78B23D looks on a white background.

Color Contrast Check

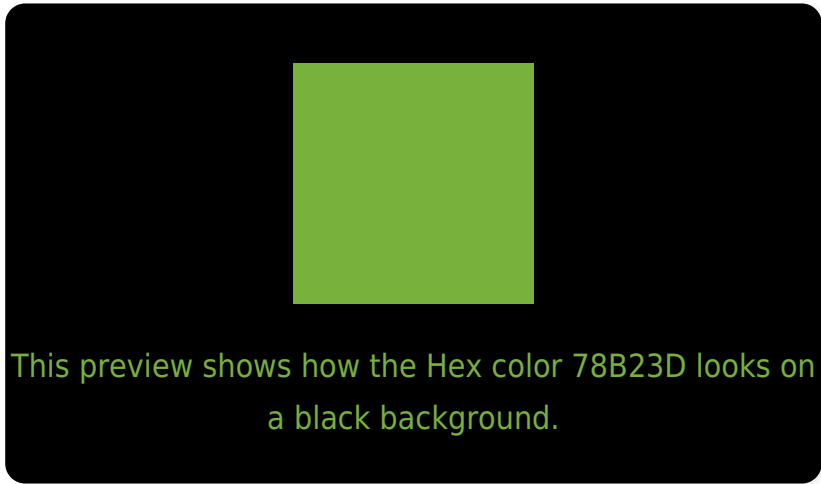
Large Text (above 18pt) WCAG AA × Fail

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 78B23D Background



This preview shows how black text looks on a background with the Hex color 78B23D.



This preview shows how white text looks on a background with the Hex color 78B23D.

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
78B23D

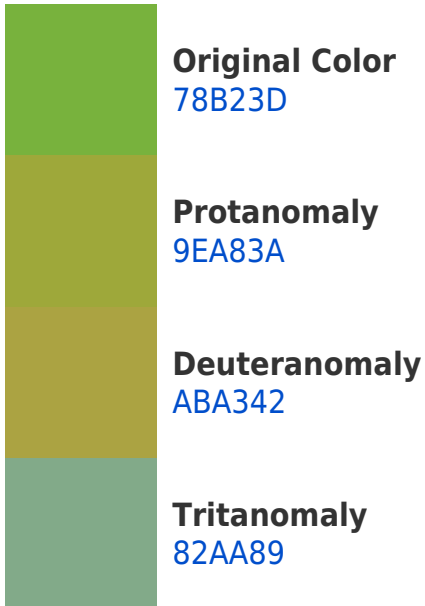
Protanopia
B4A239

Deuteranopia
C89A45



Tritanopia
88A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B23D 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 #78B23D looks like.

```
.text, #text, p{  
    color:#78B23D  
}
```

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 #78B23D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B23D
}
```

Border

The CSS property to change the border of an element to Hex 78B23D 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
#78B23D }
```

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

```
.border{ border-color:#78B23D }
```

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

Here you see how a box with a 4 pixel #78B23D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B23D; -webkit-box-shadow:4px 4px  
4px 4px #78B23D; box-shadow:4px 4px 4px  
4px #78B23D }
```

Background

The CSS property to change the background color of an element to Hex 78B23D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B23D }
```

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

```
.background{ background-color:#78B23D }
```

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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