

Converting Colors

Hex(7DB33D)

Have a look what the booklet for
Hex(7DB33D) contains.

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Color

Hex(7DB33D)

Conversions

Conversions Part 1

Format	Color
Hex	7DB33D
RGB	125, 179, 61
RGB Percent	49%, 70%, 24%
CMY	0.5098, 0.2980, 0.7608
CMYK	0.30, 0.00, 0.66, 0.30
HSL	87°, 49%, 47%
HSV	87°, 66%, 70%
XYZ	25.4199, 36.9371, 10.2047
YIQ	149.4020, 5.6940, -48.1460

Conversions

Conversions Part 2

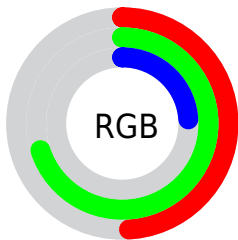
Format	Color
RYB	61, 179, 115
Decimal	8237885
CIELab	67.23, -36.61, 52.65
CIELCh	67, 64.128, 124.809
Yxy	36.9371, 0.3503, 0.5090
Android (android.graphics.Color)	4286427965 (0xFF7DB33D)
YUV	149.4020, -43.5822, -21.4006
Hunter-Lab	60.7759, -31.6992, 32.5879

Details

The Hex color **7DB33D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **733DB3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B5EB72**, and **477E00** is the 20% darker color. If you saturate the color by 10%, you get **75B32B**, and if you desaturate by 10%, it is **85B34F**.

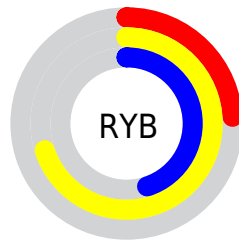
Distribution



Red (49%)

Green (70%)

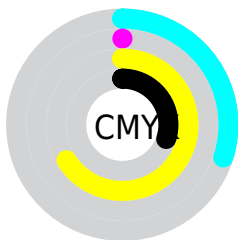
Blue (24%)



Red (24%)

Yellow (70%)

Blue (45%)

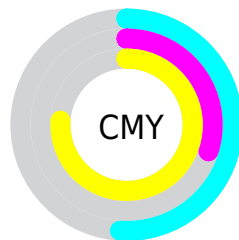


Cyan (30%)

Magenta (0%)

Yellow (66%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB33D 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 7DB33D by changing the saturation by 10% instead.

 7DB33D

 7DB33D

FFFFFF

 629821

 B5EB72

 477E00

 D1FF8D

 2B6400

 EFFFFA8

 0A4C00

 FFFFC5

 003500

 FFFFEE1

 002100

FFFFFFE

 000000

 7DB33D

 7DB33D

 75B32B

 85B34F

 6DB319

 8DB361

 64B307

 96B373

 61B300

 9EB385

 A6B396

 AEB3A8

 B6B3BA

 BFB3CC

 C7B3DE

Harmonies

Analogous

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



B9A422



7DB33D



00BC70

Triad

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



7DB33D



00B7FF



FF6D9D

Complementary

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



7DB33D



733DB3

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.



F178D6



7DB33D



22A7FF

Square

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



7DB33D



00BEE4



B290FF



FF7865

Rectangle

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



7DB33D



00BF97



B290FF



FF6EB0

Sweetspot

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



7DB33D



D3E8BA



B3723D



687559



F5F5F5



757575

Same Dimension

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



7DB33D



94E831



43B33D



555950



539900



0E1A00

Inverse Universe

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



733DB3



8531E8



AD3DB3



545059



460099



0C001A

Previews

White Background



This preview shows how the Hex color 7DB33D looks on a white background.

Color Contrast Check

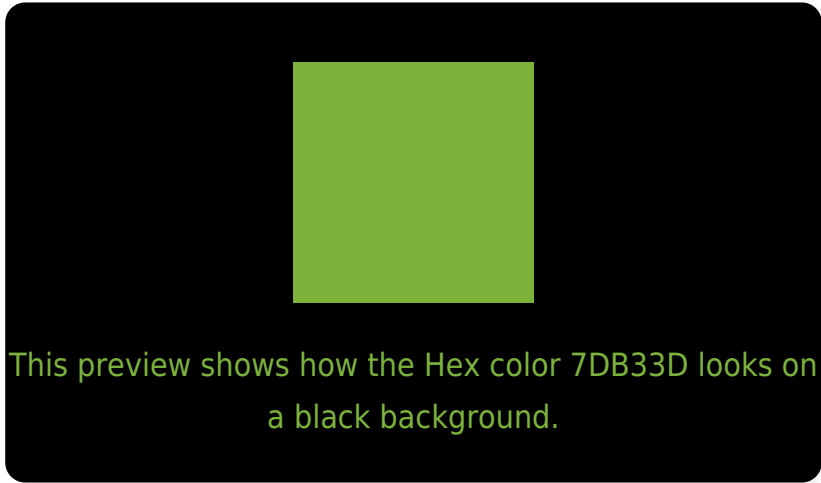
Large Text (above 18pt) WCAG AA × Fail

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 7DB33D Background



This preview shows how black text looks on a background with the Hex color 7DB33D.

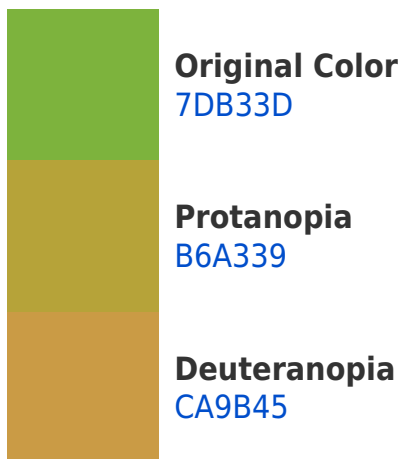


This preview shows how white text looks on a background with the Hex color 7DB33D.

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](#).

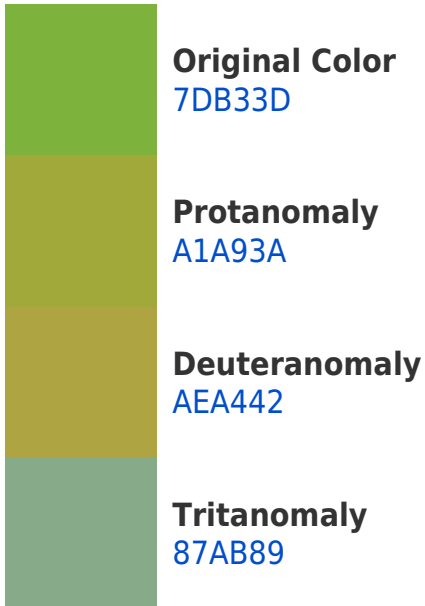
Dichromacy





Tritanopia
8DA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB33D 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 #7DB33D looks like.

```
.text, #text, p{  
    color:#7DB33D  
}
```

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 #7DB33D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB33D
}
```

Border

The CSS property to change the border of an element to Hex 7DB33D 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
#7DB33D }
```

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

```
.border{ border-color:#7DB33D }
```

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

Here you see how a box with a 4 pixel #7DB33D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB33D; -webkit-box-shadow:4px 4px  
4px 4px #7DB33D; box-shadow:4px 4px 4px  
4px #7DB33D }
```

Background

The CSS property to change the background color of an element to Hex 7DB33D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB33D }
```

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

```
.background{ background-color:#7DB33D }
```

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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