

Converting Colors

Hex(7DB163)

Have a look what the booklet for
Hex(7DB163) contains.

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Color

Hex(7DB163)

Conversions

Conversions Part 1

Format	Color
Hex	7DB163
RGB	125, 177, 99
RGB Percent	49%, 69%, 39%
CMY	0.5098, 0.3059, 0.6118
CMYK	0.29, 0.00, 0.44, 0.31
HSL	100°, 33%, 54%
HSV	100°, 44%, 69%
XYZ	26.4317, 36.7051, 17.4961
YIQ	152.5600, -5.9540, -35.2820

Conversions

Conversions Part 2

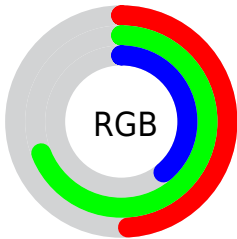
Format	Color
RYB	99, 177, 151
Decimal	8237411
CIELab	67.06, -31.63, 34.47
CIELCh	67, 46.784, 132.547
Yxy	36.7051, 0.3278, 0.4552
Android (android.graphics.Color)	4286427491 (0xFF7DB163)
YUV	152.5600, -26.4051, -24.1701
Hunter-Lab	60.5847, -28.1479, 25.2871

Details

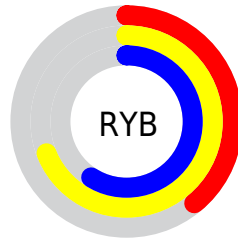
The Hex color **7DB163** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9763B1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B3E997**, and **497C32** is the 20% darker color. If you saturate the color by 10%, you get **71B151**, and if you desaturate by 10%, it is **89B175**.

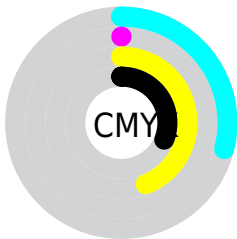
Distribution



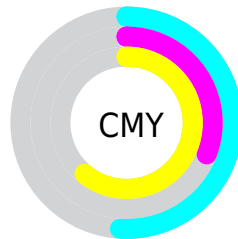
- Red (49%)
- Green (69%)
- Blue (39%)



- Red (39%)
- Yellow (69%)
- Blue (59%)



- Cyan (29%)
- Magenta (0%)
- Yellow (44%)
- Black (31%)



- Cyan (51%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB163 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 7DB163 by changing the saturation by 10% instead.

 7DB163

 7DB163

FFFFFF

 63964A

 B3E997

 497C32

 D0FFB2

 2F631A

 ECFFCE

 144A00

 FFFFEA

 003300

 002000

 000000

 7DB163

 7DB163

 71B151

 89B175

 65B140

 95B186

 5AB12E

 A0B198

 4EB11C

 ACB1AA

 42B10A

 B8B1BC

 3BB100

 C4B1CD

 D0B1DF

 DBB1F1

 E7B1FF

Harmonies

Analogous

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



ABA64E



7DB163



3EB789

Triad

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



7DB163



00AFF3



F38093

Complementary

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



7DB163



9763B1

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.



E584BE



7DB163



7EA2F5

Square

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



7DB163



00B6DB



BE91E2



EB896C

Rectangle

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



7DB163



00B9A6



BE91E2



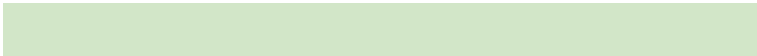
F180A1

Sweetspot

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



7DB163



D2E6C8



B19763



677360



F2F2F2



737373

Same Dimension

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



7DB163



94E66C



63B170



535950



339900



081A00

Inverse Universe

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



9763B1



BD6CE6



B163A4



565059



660099



11001A

Previews

White Background



This preview shows how the Hex color 7DB163 looks on a white background.

Color Contrast Check

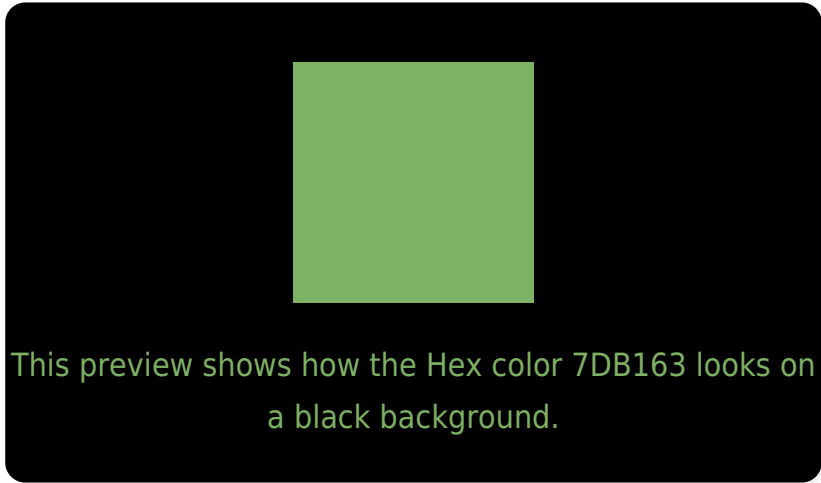
Large Text (above 18pt) WCAG AA × Fail

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 7DB163 Background



This preview shows how black text looks on a background with the Hex color 7DB163.



This preview shows how white text looks on a background with the Hex color 7DB163.

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](#).

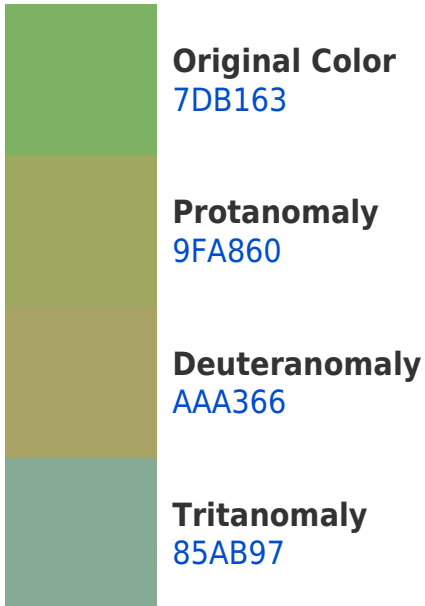
Dichromacy



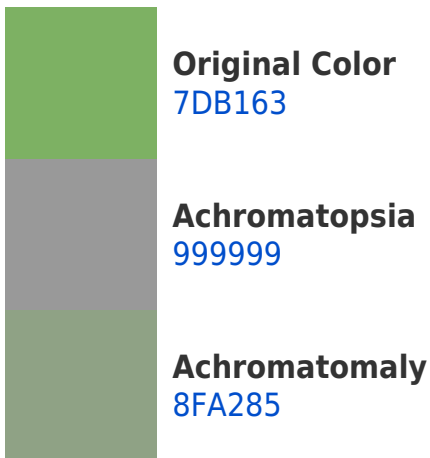


Tritanopia
8AA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB163 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 #7DB163 looks like.

```
.text, #text, p{  
    color:#7DB163  
}
```

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 #7DB163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB163
}
```

Border

The CSS property to change the border of an element to Hex 7DB163 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
#7DB163 }
```

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

```
.border{ border-color:#7DB163 }
```

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

Here you see how a box with a 4 pixel #7DB163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB163; -webkit-box-shadow:4px 4px  
4px 4px #7DB163; box-shadow:4px 4px 4px  
4px #7DB163 }
```

Background

The CSS property to change the background color of an element to Hex 7DB163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB163 }
```

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

```
.background{ background-color:#7DB163 }
```

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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