

Converting Colors

Hex(7DBA53)

Have a look what the booklet for
Hex(7DBA53) contains.

Hex(7DBA53)	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(7DBA53)

Conversions

Conversions Part 1

Format	Color
Hex	7DBA53
RGB	125, 186, 83
RGB Percent	49%, 73%, 33%
CMY	0.5098, 0.2706, 0.6745
CMYK	0.33, 0.00, 0.55, 0.27
HSL	96°, 43%, 53%
HSV	96°, 55%, 73%
XYZ	27.5777, 40.1023, 14.4706
YIQ	156.0190, -3.2930, -44.9650

Conversions

Conversions Part 2

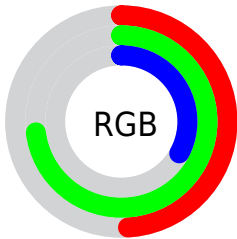
Format	Color
RYB	83, 186, 144
Decimal	8239699
CIELab	69.54, -37.71, 45.42
CIELCh	70, 59.033, 129.696
Yxy	40.1023, 0.3357, 0.4882
Android (android.graphics.Color)	4286429779 (0xFF7DBA53)
YUV	156.0190, -35.9984, -27.2037
Hunter-Lab	63.3264, -33.0871, 30.7802

Details

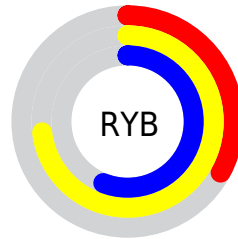
The Hex color **7DBA53** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9053BA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B4F387**, and **47841F** is the 20% darker color. If you saturate the color by 10%, you get **72BA40**, and if you desaturate by 10%, it is **88BA66**.

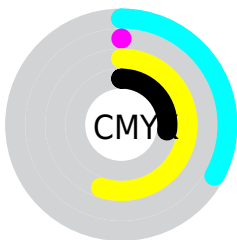
Distribution



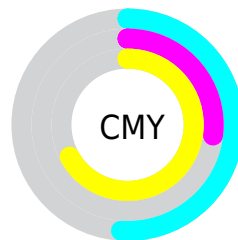
- Red (49%)
- Green (73%)
- Blue (33%)



- Red (33%)
- Yellow (73%)
- Blue (56%)



- Cyan (33%)
- Magenta (0%)
- Yellow (55%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DBA53 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 7DBA53 by changing the saturation by 10% instead.

 7DBA53

 7DBA53

FFFFFF

 629F39

 B4F387

 47841F

 D1FFA2

 2C6B00

 EEFFBE

 0B5200

 FFFFDA

 003A00

 FFFFF7

 002600

 000000

 7DBA53

 7DBA53

 72BA40

 88BA66

 67BA2E

 93BA78

 5CBA1B

 9EBA8B

 51BA09

 A9BA9D

 4CBA00

 B4BAB0

 BFBAC3

 CABAD5

 D5BAE8

 E0BAFA

Harmonies

Analogous

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



B7AD38



7DBA53



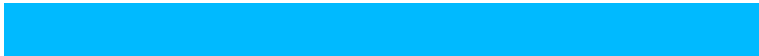
09C283

Triad

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



7DBA53



00BAFF



FF7A9B

Complementary

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



7DBA53



9053BA

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.



F880D0



7DBA53



65A AFF

Square

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



7DBA53



00C2ED



C494FD



FF8568

Rectangle

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



7DBA53



00C4A8



C494FD



FF7AAD

Sweetspot

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



7DBA53



DAF2C9



BA8F53



6C7A62



FAFAFA



7A7A7A

Same Dimension

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



7DBA53



94F252



53BA5C



565C53



3F9C00



0B1C00

Inverse Universe

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



9053BA



B152F2



BA53B1



58535C



5C009C



11001C

Previews

White Background



This preview shows how the Hex color 7DBA53 looks on a white background.

Color Contrast Check

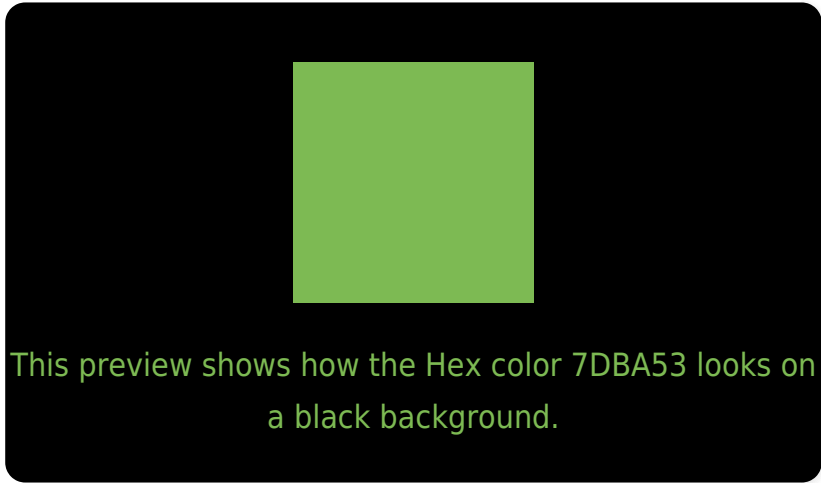
Large Text (above 18pt) WCAG AA × Fail

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 7DBA53 Background



This preview shows how black text looks on a background with the Hex color 7DBA53.

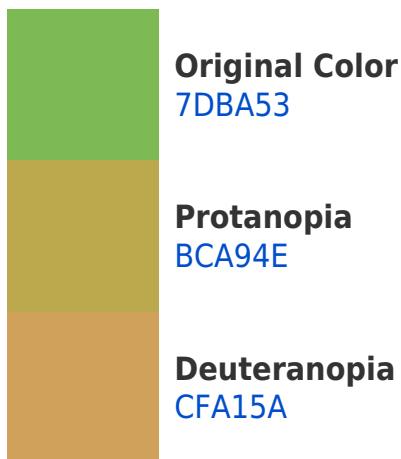


This preview shows how white text looks on a background with the Hex color 7DBA53.

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](#).

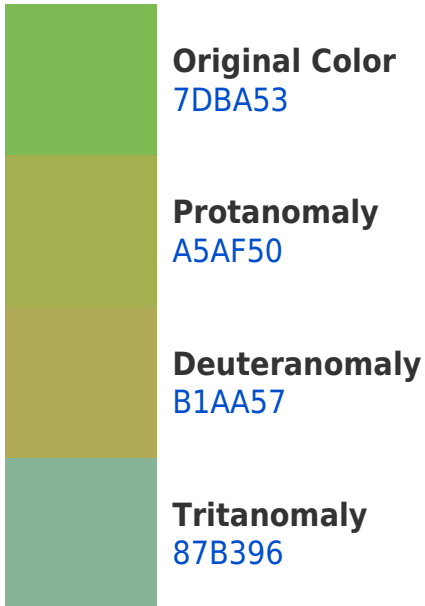
Dichromacy



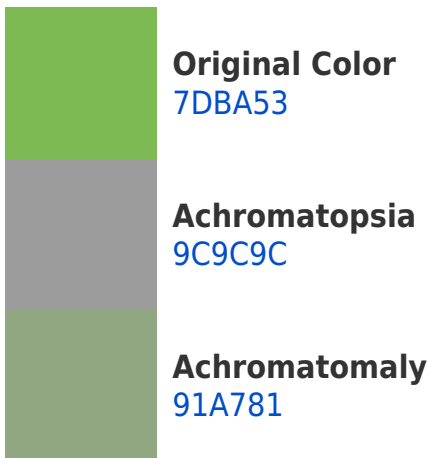


Tritanopia
8DAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DBA53 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 #7DBA53 looks like.

```
.text, #text, p{  
    color:#7DBA53  
}
```

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 #7DBA53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBA53
}
```

Border

The CSS property to change the border of an element to Hex 7DBA53 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
#7DBA53 }
```

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

```
.border{ border-color:#7DBA53 }
```

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

Here you see how a box with a 4 pixel #7DBA53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBA53; -webkit-box-shadow:4px 4px  
4px 4px #7DBA53; box-shadow:4px 4px 4px  
4px #7DBA53 }
```

Background

The CSS property to change the background color of an element to Hex 7DBA53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBA53 }
```

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

```
.background{ background-color:#7DBA53 }
```

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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