

Converting Colors

Hex(FDB053)

Have a look what the booklet for
Hex(FDB053) contains.

Hex(FDB053)	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(FDB053)

Conversions

Conversions Part 1

Format	Color
Hex	FDB053
RGB	253, 176, 83
RGB Percent	99%, 69%, 33%
CMY	0.0078, 0.3098, 0.6745
CMYK	0.00, 0.30, 0.67, 0.01
HSL	33°, 98%, 66%
HSV	33°, 67%, 99%
XYZ	57.5947, 52.5578, 15.2927
YIQ	188.4210, 75.7450, -12.5990

Conversions

Conversions Part 2

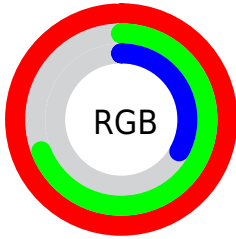
Format	Color
RYB	224, 253, 83
Decimal	16625747
CIELab	77.61, 19.60, 57.44
CIElCh	78, 60.694, 71.157
Yxy	52.5578, 0.4591, 0.4190
Android (android.graphics.Color)	4294815827 (0xFFFD053)
YUV	188.4210, -51.9726, 56.6358
Hunter-Lab	72.4968, 14.9390, 38.2409

Details

The Hex color **FDB053** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **53A0FD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFE888**, and **C07B1D** is the 20% darker color. If you saturate the color by 10%, you get **FDA53A**, and if you desaturate by 10%, it is **FDBB6C**.

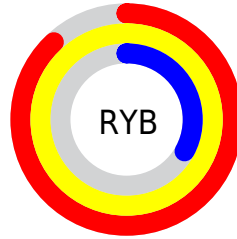
Distribution



Red (99%)

Green (69%)

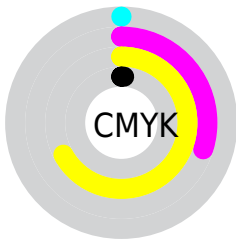
Blue (33%)



Red (88%)

Yellow (99%)

Blue (33%)

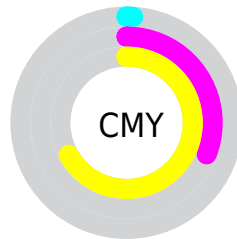


Cyan (0%)

Magenta (30%)

Yellow (67%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDB053 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 FDB053 by changing the saturation by 10% instead.

 FDB053

 FDB053

FFFFFF

 DE9539

 FFE888

 C07B1D

 FFFFA3

 A26200

 FFFFBF

 854A00

 FFFFDC

 683400

 FFFFF9

 4C1E00

 310900

 150000

 000000

 FDB053

 FDB053

 FDA53A

 FDBB6C

 FD9920

 FDC786

 FD8E07

 FDD29F

 FD8A00

 FDDEB8

 FDE9D2

 FDF5EB

FDFFFF

Harmonies

Analogous

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



FF9B78



FDB053



CCC44B

Triad

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



FDB053



00DCD4



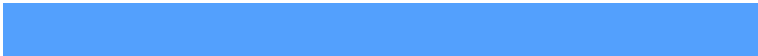
DFA8FF

Complementary

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



FDB053



53A0FD

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.



82BFFF



FDB053



00D9FF

Square

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



FDB053



26D999



00D0FF



FF94E5

Rectangle

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



FDB053



A4CD5A



00D0FF



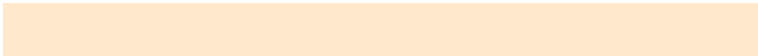
C5B0FF

Sweetspot

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



FDB053



FFE8CC



FD53A2



807261



000000



808080

Same Dimension

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



FDB053



FFA130



F7FD53



807A73



BF6900



402300

Inverse Universe

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



53A0FD



308EFF



5953FD



737980



0057BF



001D40

Previews

White Background



This preview shows how the Hex color FDB053 looks on a white background.

Color Contrast Check

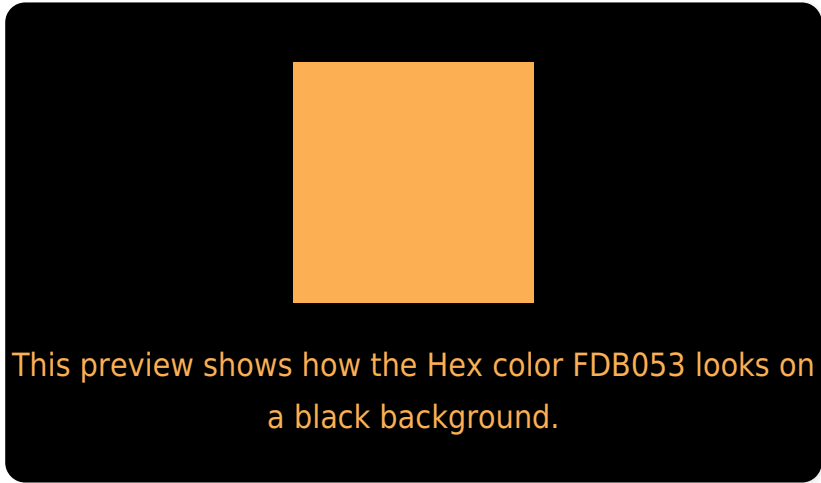
Large Text (above 18pt) WCAG AA × Fail

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 FDB053 Background



This preview shows how black text looks on a background with the Hex color FDB053.

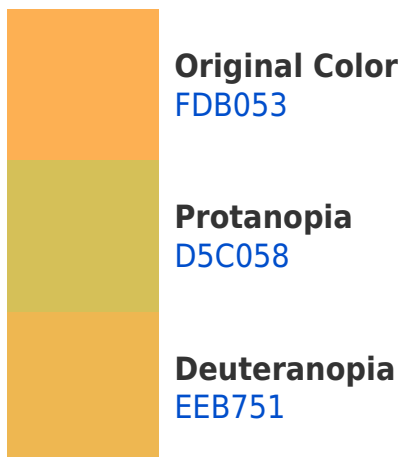


This preview shows how white text looks on a background with the Hex color FDB053.

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](#).

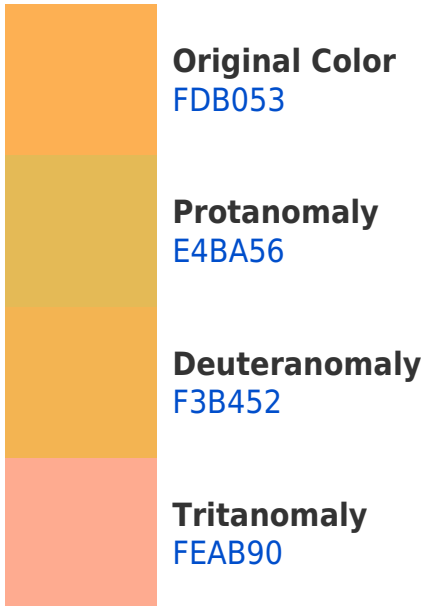
Dichromacy



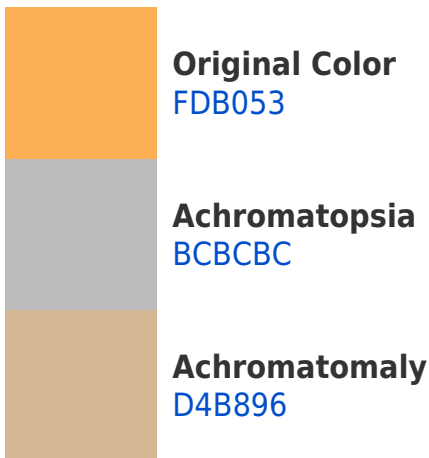


Tritanopia
FFA8B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDB053 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 #FDB053 looks like.

```
.text, #text, p{  
    color:#FDB053  
}
```

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 #FDB053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB053
}
```

Border

The CSS property to change the border of an element to Hex FDB053 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
#FDB053 }
```

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

```
.border{ border-color:#FDB053 }
```

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

Here you see how a box with a 4 pixel #FDB053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB053; -webkit-box-shadow:4px 4px  
4px 4px #FDB053; box-shadow:4px 4px 4px  
4px #FDB053 }
```

Background

The CSS property to change the background color of an element to Hex FDB053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB053 }
```

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

```
.background{ background-color:#FDB053 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor