

Converting Colors

Hex(FBDA55)

Have a look what the booklet for
Hex(FBDA55) contains.

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Color

Hex(FBDA55)

Conversions

Conversions Part 1

Format	Color
Hex	FBDA55
RGB	251, 218, 85
RGB Percent	98%, 85%, 33%
CMY	0.0157, 0.1451, 0.6667
CMYK	0.00, 0.13, 0.66, 0.02
HSL	48°, 95%, 66%
HSV	48°, 66%, 98%
XYZ	66.4948, 71.3079, 18.8535
YIQ	212.7050, 62.3610, -34.3670

Conversions

Conversions Part 2

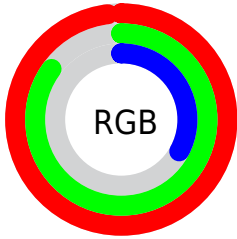
Format	Color
RYB	126, 251, 85
Decimal	16505429
CIELab	87.63, -2.83, 67.21
CIELCh	88, 67.266, 92.414
Yxy	71.3079, 0.4245, 0.4552
Android (android.graphics.Color)	4294695509 (0xFFFBDA55)
YUV	212.7050, -62.9586, 33.5847
Hunter-Lab	84.4440, -7.2186, 45.8734

Details

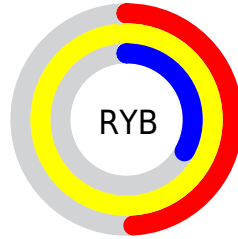
The Hex color **FBDA55** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **5576FB**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF8C**, and **BFA317** is the 20% darker color. If you saturate the color by 10%, you get **FBD53C**, and if you desaturate by 10%, it is **FBDF6E**.

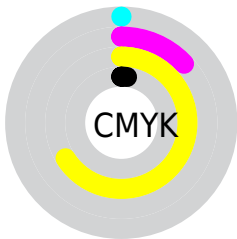
Distribution



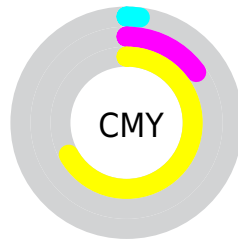
- Red (98%)
- Green (85%)
- Blue (33%)



- Red (49%)
- Yellow (98%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (66%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBDA55 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 FBDA55 by changing the saturation by 10% instead.

 FBDA55

 FBDA55

FFFFFF

 DDBE39

 FFFF8C

 BFA317

 FFFFA8

 A28900

 FFFFC5

 857000

 FFFFE2

 695800

 4D4100

 332B00

 1B1700

 000000

 FBDA55

 FBDA55

 FBD53C

 FBDF6E

 FBD023

 FBE487

 FBCB0A

 FBE9A0

 FBC900

 FBEEB9

 FBF3D3

 FBF8EC

 FBFDFD

 FBFFFF

Harmonies

Analogous

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



FFC36A



FBDA55



B9EC6A

Triad

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



FBDA55



00FAFF



FFB0FF

Complementary

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



FBDA55



5576FB

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.



E6C9FF



FBDA55



00F2FF

Square

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



FBDA55



00BDF



66E1FF



FFA3D9

Rectangle

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



FBDA55



83F48A



66E1FF



FFB8FF

Sweetspot

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



FBDA55



FFF5CC



FB5576



807961



000000



808080

Same Dimension

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



FBDA55



FFD736



C9FB55



7D7A70



BD9700



3D3100

Inverse Universe

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



5576FB



365EFF



8755FB



70737D



0026BD



000C3D

Previews

White Background



This preview shows how the Hex color FBDA55 looks on a white background.

Color Contrast Check

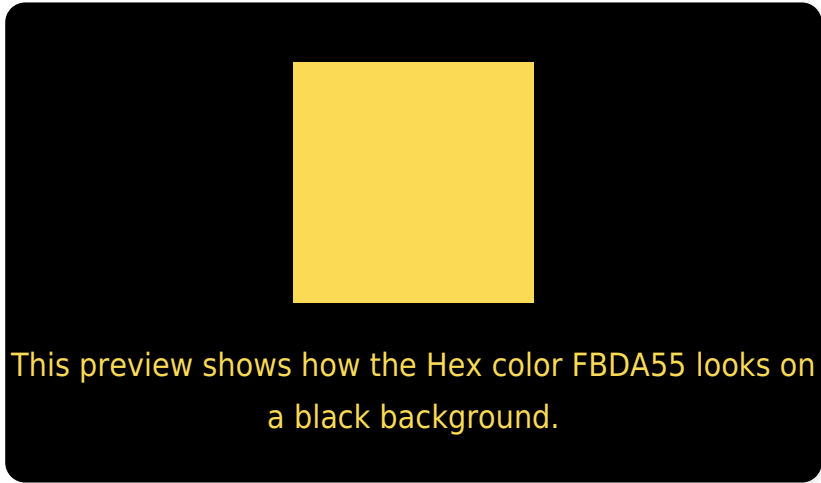
Large Text (above 18pt) WCAG AA × Fail

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 FBDA55 Background



This preview shows how black text looks on a background with the Hex color FBDA55.

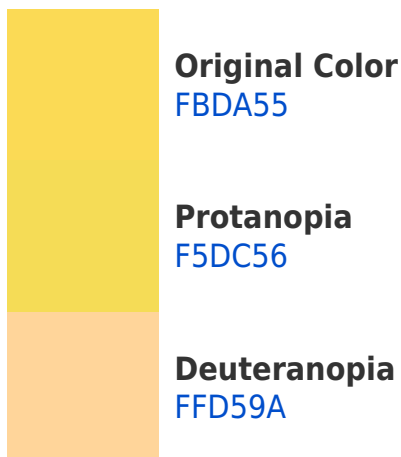


This preview shows how white text looks on a background with the Hex color FBDA55.

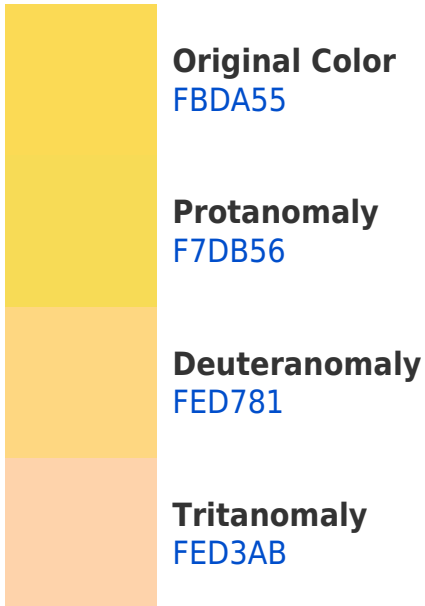
Color Blindness Simulation

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](#).

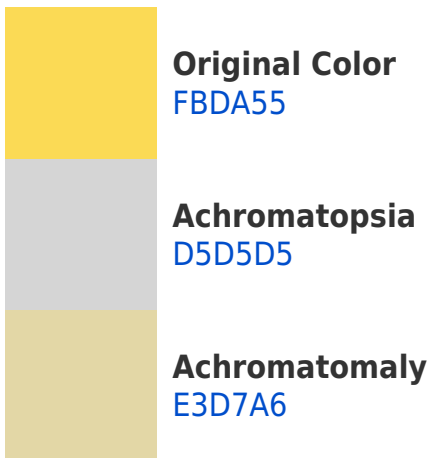
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBDA55 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 #FBDA55 looks like.

```
.text, #text, p{  
  color:#FBDA55  
}
```

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 #FBDA55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBDA55  
}
```

Border

The CSS property to change the border of an element to Hex FBDA55 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  
#FBDA55 }
```

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

```
.border{ border-color:#FBDA55 }
```

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

Here you see how a box with a 4 pixel #FBDA55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBDA55; -webkit-box-shadow:4px 4px  
4px 4px #FBDA55; box-shadow:4px 4px 4px  
4px #FBDA55 }
```

Background

The CSS property to change the background color of an element to Hex FBDA55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBDA55 }
```

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

```
.background{ background-color:#FBDA55 }
```

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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