

Converting Colors

Hex(FBD152)

Have a look what the booklet for
Hex(FBD152) contains.

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Color

Hex(FBD152)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FBD152 |
| RGB | 251, 209, 82 |
| RGB Percent | 98%, 82%, 32% |
| CMY | 0.0157, 0.1804, 0.6784 |
| CMYK | 0.00, 0.17, 0.67, 0.02 |
| HSL | 45°, 95%, 65% |
| HSV | 45°, 67%, 98% |
| XYZ | 64.1071, 66.7194, 17.4820 |
| YIQ | 207.0800, 65.7990, -30.5930 |

Conversions

Conversions Part 2

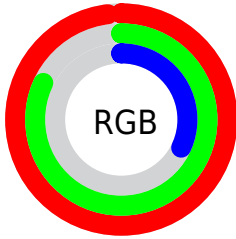
| Format | Color |
|-------------------------------------|---|
| RYB | 138, 251, 82 |
| Decimal | 16503122 |
| CIELab | 85.36, 1.58, 66.06 |
| CIELCh | 85, 66.078, 88.626 |
| Yxy | 66.7194, 0.4323, 0.4499 |
| Android (android.graphics.Color) | 4294693202 (0xFFFFBD152) |
| YUV | 207.0800, -61.6644, 38.5178 |
| Hunter-Lab | 81.6819, -2.8497, 44.4878 |

Details

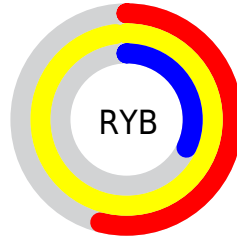
The Hex color **FBD152** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **527CFB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF89**, and **BF9B14** is the 20% darker color. If you saturate the color by 10%, you get **FBCB39**, and if you desaturate by 10%, it is **FBD76B**.

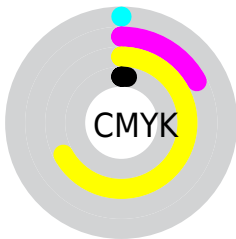
Distribution



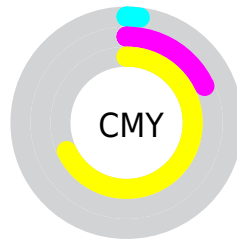
- Red (98%)
- Green (82%)
- Blue (32%)



- Red (54%)
- Yellow (98%)
- Blue (32%)



- Cyan (0%)
- Magenta (17%)
- Yellow (67%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBD152 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 FBD152 by changing the saturation by 10% instead.

 FBD152

 FBD152

FFFFFF

 DDB636

 FFFF89

 BF9B14

 FFFFA5

 A18100

 FFFFC1

 846800

 FFFFDE

 685000

 FFFFFB

 4D3A00

 332500

 1A1000

 000000

 FBD152

 FBD152

 FBCB39

 FBD76B

 FBC520

 FBDD84

 FBBE07

 FBE49D

 FBBD00

 FBEAB6

 FBF0D0

 FBF6E9

 FBFDFD

 FBFFFF

Harmonies

Analogous

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



FFBA6B



FBD152



BDE362

Triad

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



FBD152



00F3FF



FFADFF

Complementary

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



FBD152



527CFB

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.



D3C6FF



FBD152



00ECFF

Square

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



FBD152



00F4D0



45DDFF



FF9FDB

Rectangle

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



FBD152



8AEC7F



45DDFF



FFB5FF

Sweetspot

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



FBD152



FFF2CC



FB527C



807861



000000



808080

Same Dimension

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



FBD152



FFCC30



D1FB52



7D7A70



BD8E00



3D2E00

Inverse Universe

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



527CFB



3064FF



7C52FB



70747D



002FBD



000F3D

Previews

White Background



This preview shows how the Hex color FBD152 looks on a white background.

Color Contrast Check

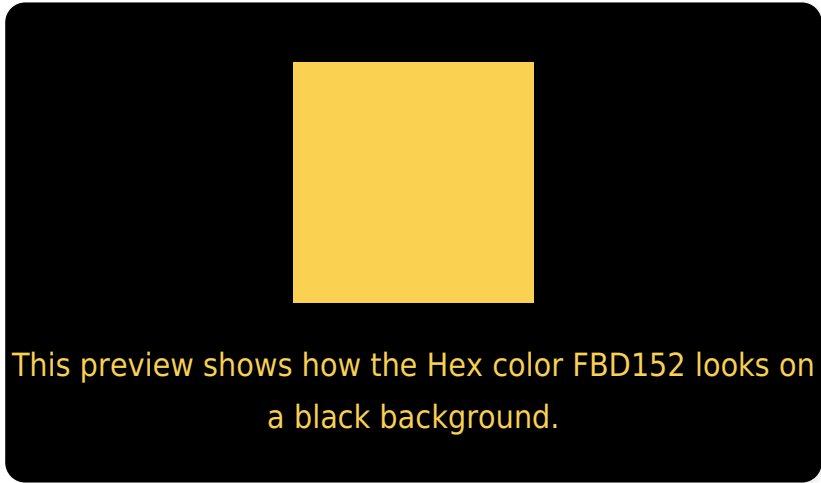
Large Text (above 18pt) WCAG AA × Fail

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 FBD152 Background



This preview shows how black text looks on a background with the Hex color FBD152.

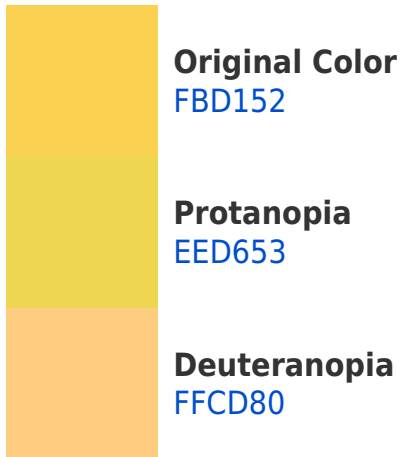


This preview shows how white text looks on a background with the Hex color FBD152.

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](#).

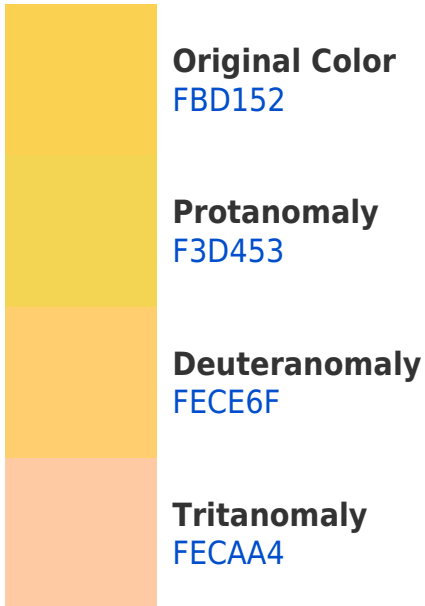
Dichromacy



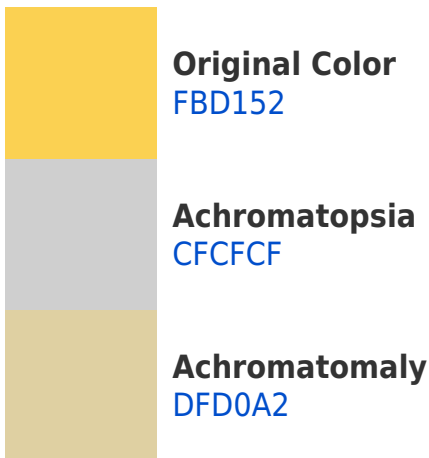


Tritanopia
FFC6D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBD152 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 #FBD152 looks like.

```
.text, #text, p{  
    color:#FBD152  
}
```

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 #FBD152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD152
}
```

Border

The CSS property to change the border of an element to Hex FBD152 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
#FBD152 }
```

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

```
.border{ border-color:#FBD152 }
```

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

Here you see how a box with a 4 pixel #FBD152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD152; -webkit-box-shadow:4px 4px  
4px 4px #FBD152; box-shadow:4px 4px 4px  
4px #FBD152 }
```

Background

The CSS property to change the background color of an element to Hex FBD152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD152 }
```

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

```
.background{ background-color:#FBD152 }
```

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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