

Converting Colors

Hex(FBD359)

Have a look what the booklet for
Hex(FBD359) contains.

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Color

Hex(FBD359)

Conversions

Conversions Part 1

Format	Color
Hex	FBD359
RGB	251, 211, 89
RGB Percent	98%, 83%, 35%
CMY	0.0157, 0.1725, 0.6510
CMYK	0.00, 0.16, 0.65, 0.02
HSL	45°, 95%, 67%
HSV	45°, 65%, 98%
XYZ	64.8811, 67.8190, 19.1220
YIQ	209.0520, 63.0020, -29.4620

Conversions

Conversions Part 2

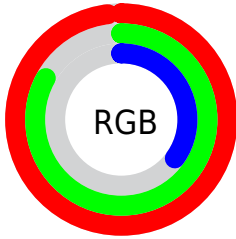
Format	Color
RYB	142, 251, 89
Decimal	16503641
CIELab	85.92, 0.95, 63.72
CIELCh	86, 63.723, 89.142
Yxy	67.8190, 0.4273, 0.4467
Android (android.graphics.Color)	4294693721 (0xFFFFBD359)
YUV	209.0520, -59.1856, 36.7884
Hunter-Lab	82.3523, -3.4857, 43.8796

Details

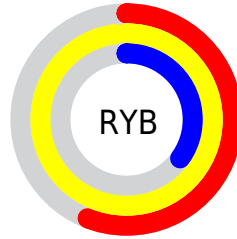
The Hex color **FBD359** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5981FB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF90**, and **BF9D1F** is the 20% darker color. If you saturate the color by 10%, you get **FBCD40**, and if you desaturate by 10%, it is **FBD972**.

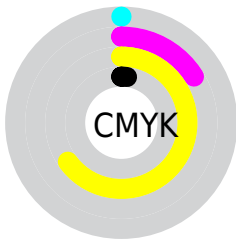
Distribution



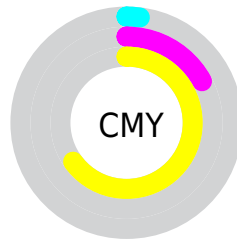
- Red (98%)
- Green (83%)
- Blue (35%)



- Red (56%)
- Yellow (98%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (65%)
- Black (2%)



- Cyan (2%)
- Magenta (17%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBD359 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 FBD359 by changing the saturation by 10% instead.

 FBD359

 FBD359

FFFFFF

 DDB83E

 FFFF90

 BF9D1F

 FFFFAB

 A28300

 FFFFC8

 856A00

 FFFF E5

 695200

 4D3B00

 332600

 1B1200

 000000

 FBD359

 FBD359

 FBCD40

 FBD972

 FBC727

 FBDF8B

 FBC00E

 FBE6A4

 FBBD00

 FBECBD

 FBF2D7

 FBF8F0

 FBFEFF

 FBFFFF

Harmonies

Analogous

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



FFBD70



FBD359



BEE568

Triad

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



FBD359



00F4FF



FFB0FF

Complementary

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



FBD359



5981FB

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.



D7C8FF



FBD359



00EDFF

Square

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



FBD359



00F5D3



5ADEFF



FFA3DB

Rectangle

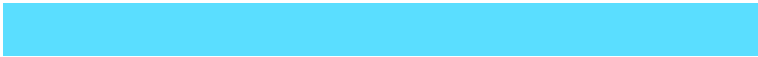
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBD359



8DED85



5ADEFF



FFB8FF

Sweetspot

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



FBD359



FFF3CF



FB5982



807862



000000



808080

Same Dimension

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



FBD359



FFCF3B



D3FB59



7D7A70



BD8E00



3D2E00

Inverse Universe

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



5981FB



3B6BFF



8259FB



70747D



002FBD



000F3D

Previews

White Background



This preview shows how the Hex color FBD359 looks on a white background.

Color Contrast Check

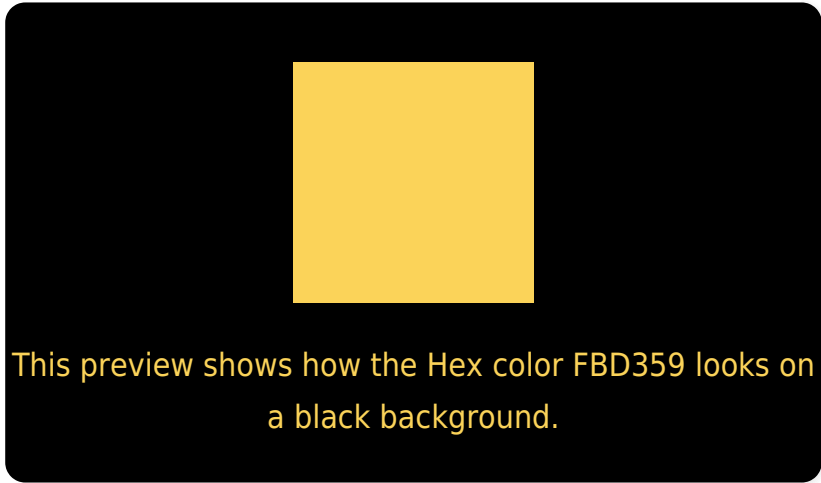
Large Text (above 18pt) WCAG AA × Fail

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 FBD359 Background



This preview shows how black text looks on a background with the Hex color FBD359.



This preview shows how white text looks on a background with the Hex color FBD359.

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



Original Color
FBD359

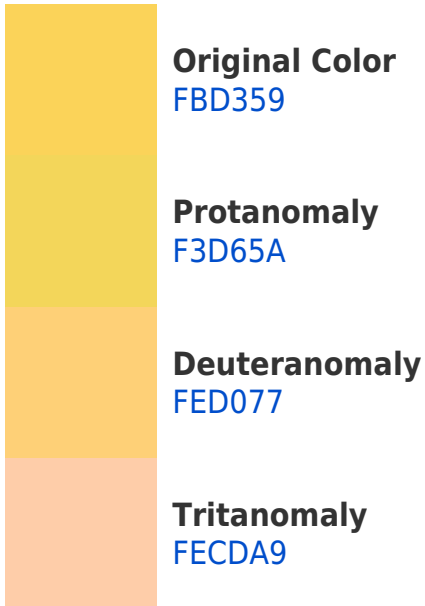
Protanopia
EFD75A

Deuteranopia
FFCF88

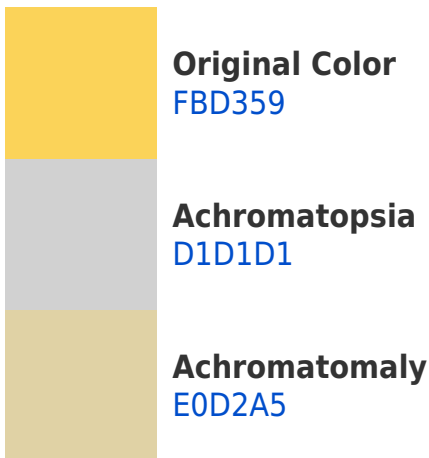


Tritanopia
FFC9D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBD359 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 #FBD359 looks like.

```
.text, #text, p{  
    color:#FBD359  
}
```

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 #FBD359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD359
}
```

Border

The CSS property to change the border of an element to Hex FBD359 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
#FBD359 }
```

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

```
.border{ border-color:#FBD359 }
```

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

Here you see how a box with a 4 pixel #FBD359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD359; -webkit-box-shadow:4px 4px  
4px 4px #FBD359; box-shadow:4px 4px 4px  
4px #FBD359 }
```

Background

The CSS property to change the background color of an element to Hex FBD359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD359 }
```

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

```
.background{ background-color:#FBD359 }
```

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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