

Converting Colors

Hex(FDBE31)

Have a look what the booklet for
Hex(FDBE31) contains.

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Color

Hex(FDBE31)

Conversions

Conversions Part 1

Format	Color
Hex	FDBE31
RGB	253, 190, 49
RGB Percent	99%, 75%, 19%
CMY	0.0078, 0.2549, 0.8078
CMYK	0.00, 0.25, 0.81, 0.01
HSL	41°, 98%, 59%
HSV	41°, 81%, 99%
XYZ	59.4758, 57.9313, 10.9529
YIQ	192.7630, 82.8090, -30.4950

Conversions

Conversions Part 2

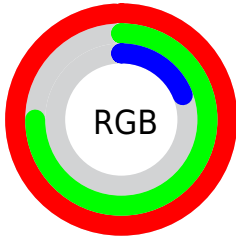
Format	Color
R _Y B	140, 253, 49
Decimal	16629297
CIE Lab	80.70, 10.85, 73.71
CIE LCh	81, 74.505, 81.624
Yxy	57.9313, 0.4634, 0.4513
Android (android.graphics.Color)	4294819377 (0xFFFD _B E31)
YUV	192.7630, -70.8752, 52.8278
Hunter-Lab	76.1126, 6.2862, 44.7468

Details

The Hex color **FDBE31** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3170FD**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF66B**, and **BF8900** is the 20% darker color. If you saturate the color by 10%, you get **FDB618**, and if you desaturate by 10%, it is **FDC64A**.

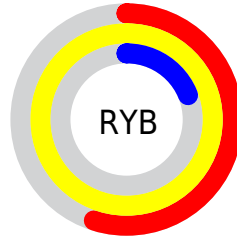
Distribution



Red (99%)

Green (75%)

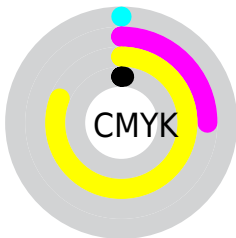
Blue (19%)



Red (55%)

Yellow (99%)

Blue (19%)

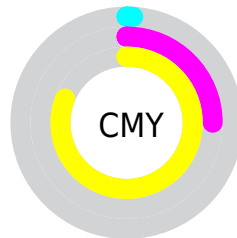


Cyan (0%)

Magenta (25%)

Yellow (81%)

Black (1%)



Cyan (1%)

Magenta (25%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD BE 31 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 FD BE 31 by changing the saturation by 10% instead.

 FDBE31

 FDBE31

FFFFFF

 DEA305

 FFF66B

 BF8900

 FFFF87

 A17000

 FFFFA4

 845800


 FFFF00

 674000

 FFFFDD

 4B2B00

 FFFFFB

 311600

 190000

 000000

 FDBE31

 FDBE31

 FDB618

 FDC64A

 FDAF00

 FDCE64

 FDD57D

 FDDD96

 FDE5B0

 FEEDC9

 FDF5E2

 FDFDFB

FDFFFF

Harmonies

Analogous

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



FFA25C



FDBE31



BCD438

Triad

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



FDBE31



00E9FA



FFA0FF

Complementary

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



FDBE31



3170FD

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.



A5BEFF



FDBE31



00E4FF

Square

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



FDBE31



00E8B2



00D6FF



FF89DF

Rectangle

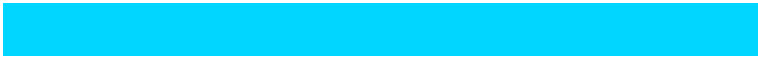
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDBE31



86DE59



00D6FF



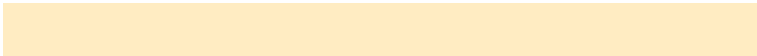
EFAAFF

Sweetspot

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



FDBE31



FFECC2



FD3172



80745B



000000



808080

Same Dimension

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



FDBE31



FFB308



D8FD31



807C73



BF8400



402C00

Inverse Universe

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



3170FD



0854FF



5631FD



737780



003BBF



001440

Previews

White Background



This preview shows how the Hex color **FDBE31** looks on a white background.

Color Contrast Check

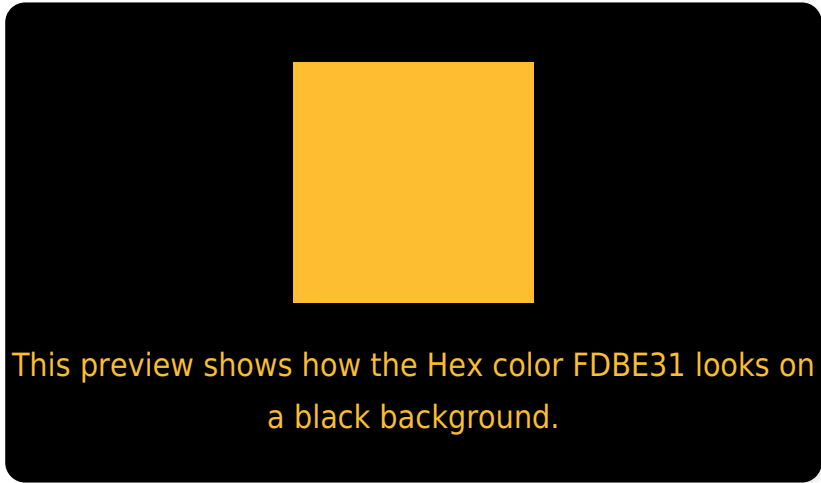
Large Text (above 18pt) WCAG AA × Fail

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 FDBE31 Background



This preview shows how black text looks on a background with the Hex color FDBE31.

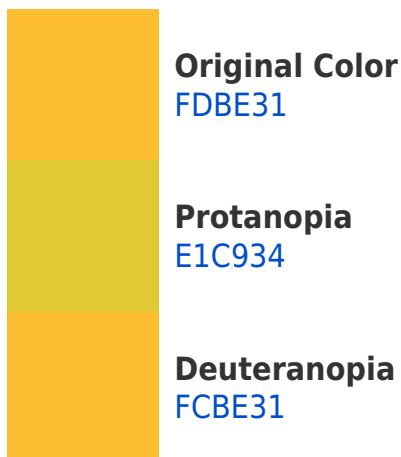


This preview shows how white text looks on a background with the Hex color FDBE31.

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](#).

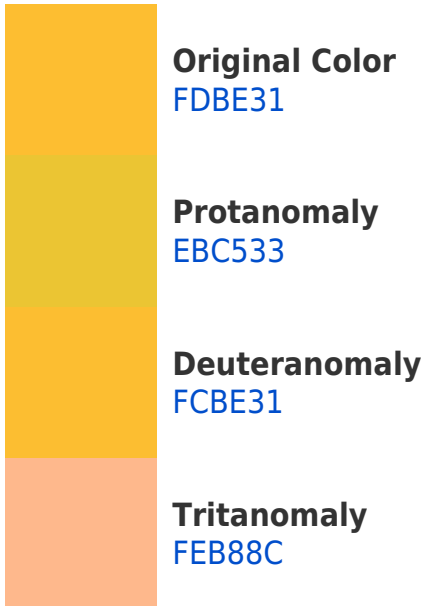
Dichromacy



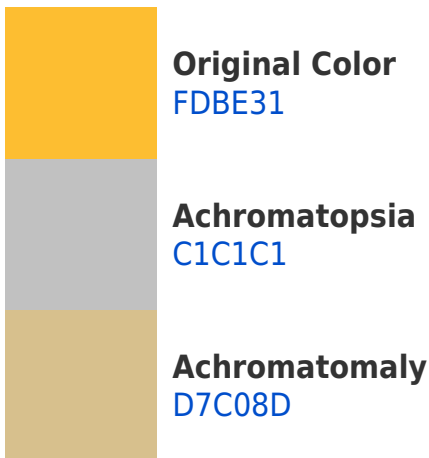


Tritanopia
FFB4C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDBE31 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 #FDBE31 looks like.

```
.text, #text, p{  
    color:#FDBE31  
}
```

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 #FDDBE31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDDBE31
}
```

Border

The CSS property to change the border of an element to Hex FDDBE31 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
#FDDBE31 }
```

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

```
.border{ border-color:#FDBE31 }
```

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

Here you see how a box with a 4 pixel #FDBE31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDBE31; -webkit-box-shadow:4px 4px  
4px 4px #FDBE31; box-shadow:4px 4px 4px  
4px #FDBE31 }
```

Background

The CSS property to change the background color of an element to Hex FDBE31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDBE31 }
```

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

```
.background{ background-color:#FDBE31 }
```

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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