

Converting Colors

Hex(F1B733)

Have a look what the booklet for
Hex(F1B733) contains.

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Color

Hex(F1B733)

Conversions

Conversions Part 1

Format	Color
Hex	F1B733
RGB	241, 183, 51
RGB Percent	95%, 72%, 20%
CMY	0.0549, 0.2824, 0.8000
CMYK	0.00, 0.24, 0.79, 0.05
HSL	42°, 87%, 57%
HSV	42°, 79%, 95%
XYZ	53.8067, 52.8068, 10.4888
YIQ	185.2940, 76.9400, -28.7560

Conversions

Conversions Part 2

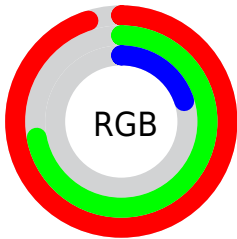
Format	Color
RYB	134, 241, 51
Decimal	15841075
CIELab	77.76, 9.48, 69.97
CIELCh	78, 70.614, 82.285
Yxy	52.8068, 0.4595, 0.4509
Android (android.graphics.Color)	4294031155 (0xFFFF1B733)
YUV	185.2940, -66.2069, 48.8542
Hunter-Lab	72.6683, 4.9995, 42.3100

Details

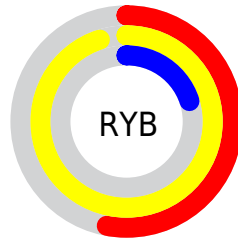
The Hex color **F1B733** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **336DF1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFEF6C**, and **B48200** is the 20% darker color. If you saturate the color by 10%, you get **F1B01B**, and if you desaturate by 10%, it is **F1BE4B**.

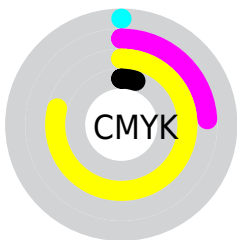
Distribution



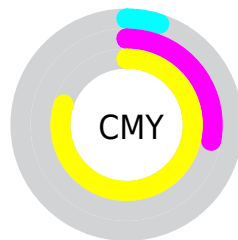
- Red (95%)
- Green (72%)
- Blue (20%)



- Red (53%)
- Yellow (95%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F1B733 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 F1B733 by changing the saturation by 10% instead.

 F1B733

 F1B733

FFFFFF

 D29C0D

 FFEF6C

 B48200

 FFFF88

 966900

 FFFFA4

 795200

 FFFF00

 5D3B00

 FFFFDD

 422500

 FFFFFA

 281100

 000000

 F1B733

 F1B733

 F1B01B

 F1BE4B

 F1A803

 F1C663

 F1A700

 F1CD7B

 F1D493

 F1DCAB

 F1E3C4

 F1EADC

 F1F2F4

 F1F9FF

Harmonies

Analogous

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



FF9D59



F1B733



B3CB3B

Triad

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



F1B733



00E0F0



FF9AFF

Complementary

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



F1B733



336DF1

Split Complementary

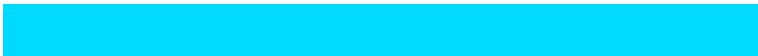
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A3B6FF



F1B733



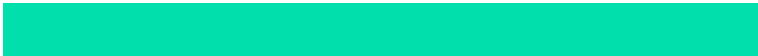
00DAFF

Square

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



F1B733



00DFAC



00CDFE



FF85D4

Rectangle

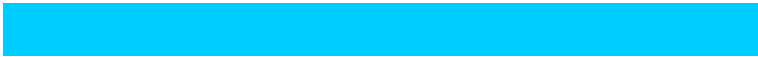
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F1B733



80D559



00CDFF



E6A3FF

Sweetspot

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



F1B733



FFECC2



F1336F



80745B



000000



808080

Same Dimension

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



F1B733



FFB50D



CEF133



78746C



B88000



382700

Inverse Universe

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



336DF1



0D57FF



5633F1



6C7078



0038B8



001138

Previews

White Background



This preview shows how the Hex color F1B733 looks on a white background.

Color Contrast Check

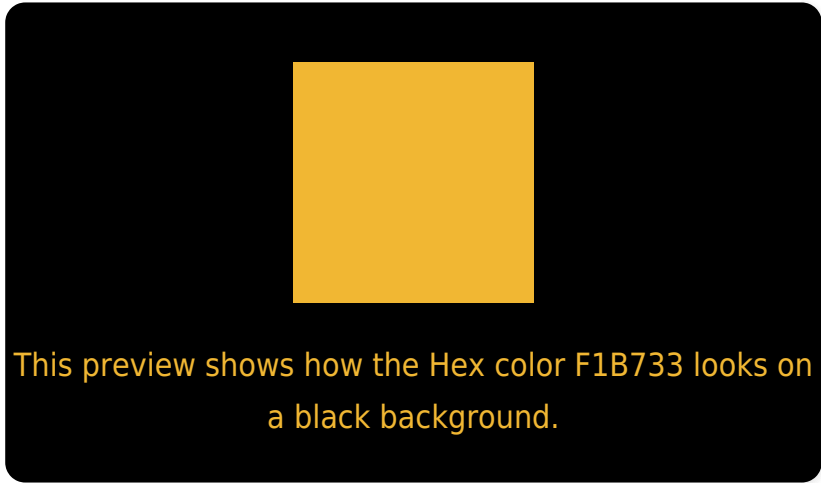
Large Text (above 18pt) WCAG AA × Fail

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 F1B733 Background



This preview shows how black text looks on a background with the Hex color F1B733.

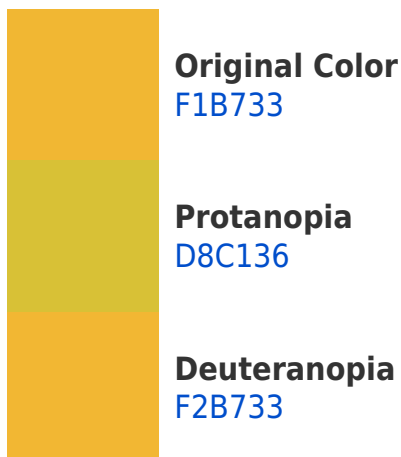


This preview shows how white text looks on a background with the Hex color F1B733.

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](#).

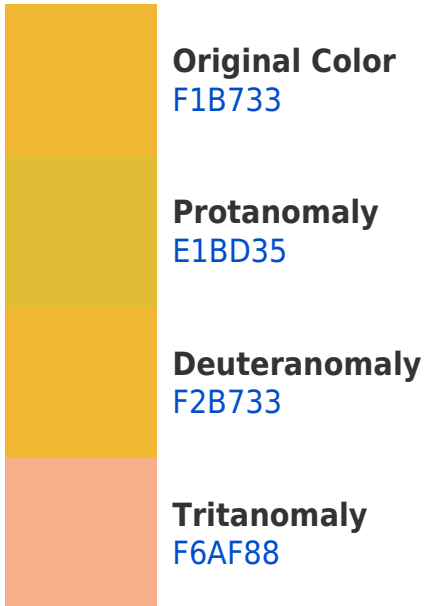
Dichromacy



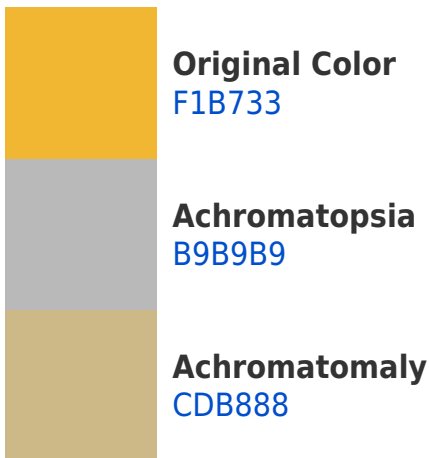


Tritanopia
F9ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F1B733 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 #F1B733 looks like.

```
.text, #text, p{  
    color:#F1B733  
}
```

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 #F1B733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1B733
}
```

Border

The CSS property to change the border of an element to Hex F1B733 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
#F1B733 }
```

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

```
.border{ border-color:#F1B733 }
```

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

Here you see how a box with a 4 pixel #F1B733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1B733; -webkit-box-shadow:4px 4px  
4px 4px #F1B733; box-shadow:4px 4px 4px  
4px #F1B733 }
```

Background

The CSS property to change the background color of an element to Hex F1B733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1B733 }
```

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

```
.background{ background-color:#F1B733 }
```

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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