

Converting Colors

Hex(F1B927)

Have a look what the booklet for
Hex(F1B927) contains.

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Color

Hex(F1B927)

Conversions

Conversions Part 1

Format	Color
Hex	F1B927
RGB	241, 185, 39
RGB Percent	95%, 73%, 15%
CMY	0.0549, 0.2745, 0.8471
CMYK	0.00, 0.23, 0.84, 0.05
HSL	43°, 88%, 55%
HSV	43°, 84%, 95%
XYZ	53.9908, 53.5452, 9.4091
YIQ	185.1000, 80.2420, -33.5340

Conversions

Conversions Part 2

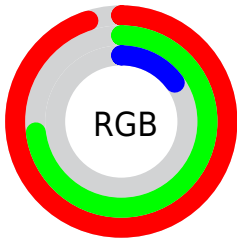
Format	Color
R _Y B	116, 241, 39
Decimal	15841575
CIE Lab	78.20, 8.08, 73.98
CIE LCh	78, 74.424, 83.770
Yxy	53.5452, 0.4617, 0.4579
Android (android.graphics.Color)	4294031655 (0xFFFF1B927)
YUV	185.1000, -72.0273, 49.0243
Hunter-Lab	73.1746, 3.6481, 43.5984

Details

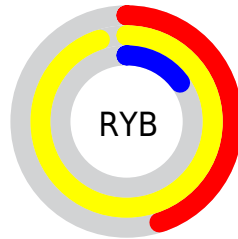
The Hex color **F1B927** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **275FF1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF163**, and **B48400** is the 20% darker color. If you saturate the color by 10%, you get **F1B20F**, and if you desaturate by 10%, it is **F1C03F**.

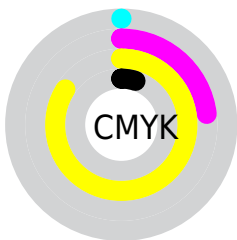
Distribution



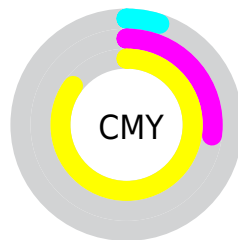
- Red (95%)
- Green (73%)
- Blue (15%)



- Red (45%)
- Yellow (95%)
- Blue (15%)



- Cyan (0%)
- Magenta (23%)
- Yellow (84%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color F1B927 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 F1B927 by changing the saturation by 10% instead.

 F1B927

 F1B927

FFFFFF

 D29E00

 FFF163

 B48400

 FFFF7F

 966B00

 FFFF9C

 795300

 FFFFB8

 5C3D00

 FFFFD5

 412700

 FFFFF3

 281300

 010000

 000000

 F1B927

 F1B927

 F1B20F

 F1C03F

 F1AE00

 F1C657

 F1CD6F

 F1D487

 F1DA9F

 F1E1B8

 F1E8D0

 F1EEE8

 F1F5FF

Harmonies

Analogous

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



FF9D52



F1B927



AFCE34

Triad

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



F1B927



00E2F7



FF97FF

Complementary

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



F1B927



275FF1

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.



A7B5FF



F1B927



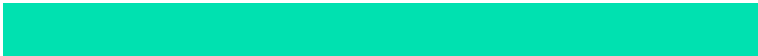
00DCFF

Square

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



F1B927



00E1B0



00CEFF



FF80D3

Rectangle

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



F1B927



78D857



00CEFF



EEA1FF

Sweetspot

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



F1B927



FFEDBF



F12760



807559



000000



808080

Same Dimension

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



F1B927



FFB800



C5F127



78756C



B88500



382900

Inverse Universe

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



275FF1



0047FF



5327F1



6C6F78



0033B8



001038

Previews

White Background



This preview shows how the Hex color F1B927 looks on a white background.

Color Contrast Check

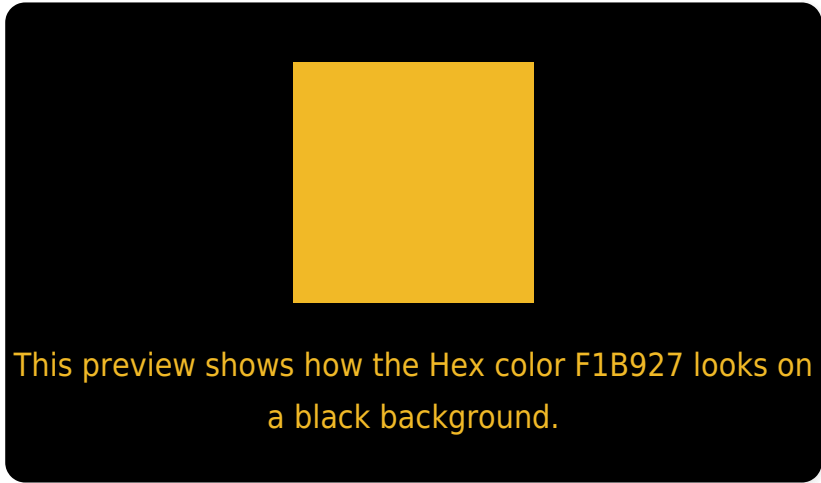
Large Text (above 18pt) WCAG AA × Fail

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 F1B927 Background



This preview shows how black text looks on a background with the Hex color F1B927.



This preview shows how white text looks on a background with the Hex color F1B927.

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

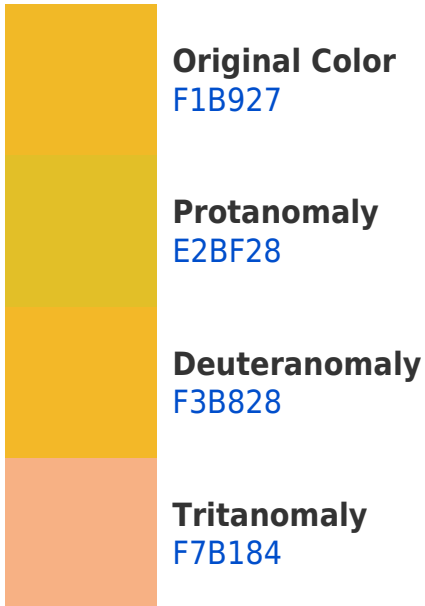


Original Color
F1B927

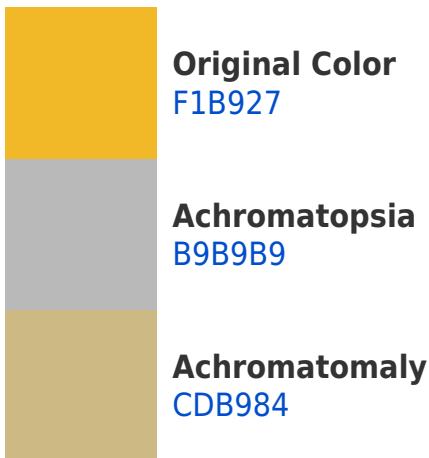
Protanopia
DAC229

Deuteranopia
F4B828

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F1B927 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 #F1B927 looks like.

```
.text, #text, p{  
    color:#F1B927  
}
```

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 #F1B927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1B927
}
```

Border

The CSS property to change the border of an element to Hex F1B927 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
#F1B927 }
```

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

```
.border{ border-color:#F1B927 }
```

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

Here you see how a box with a 4 pixel #F1B927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1B927; -webkit-box-shadow:4px 4px  
4px 4px #F1B927; box-shadow:4px 4px 4px  
4px #F1B927 }
```

Background

The CSS property to change the background color of an element to Hex F1B927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1B927 }
```

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

```
.background{ background-color:#F1B927 }
```

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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