

# Converting Colors

Hex(F1804B)

Have a look what the booklet for  
Hex(F1804B) contains.

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**Color**

**Hex(F1804B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1804B
RGB	241, 128, 75
RGB Percent	95%, 50%, 29%
CMY	0.0549, 0.4980, 0.7059
CMYK	0.00, 0.47, 0.69, 0.05
HSL	19°, 86%, 62%
HSV	19°, 69%, 95%
XYZ	45.2648, 34.6471, 10.9585
YIQ	155.7450, 84.3610, 7.4730

# Conversions

## Conversions Part 2

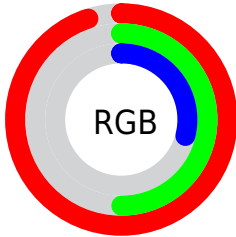
Format	Color
<b>RYB</b>	241, 153, 75
Decimal	15827019
CIELab	65.47, 39.28, 47.44
CIELCh	65, 61.594, 50.373
Yxy	34.6471, 0.4981, 0.3813
Android (android.graphics.Color)	4294017099 (0xFFFF1804B)
YUV	155.7450, -39.8073, 74.7686
Hunter-Lab	58.8618, 34.2586, 30.1651

# Details

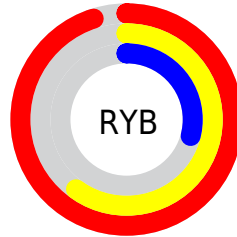
The Hex color **F1804B** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **4BBCF1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB67E**, and **B34C1A** is the 20% darker color. If you saturate the color by 10%, you get **F17033**, and if you desaturate by 10%, it is **F19063**.

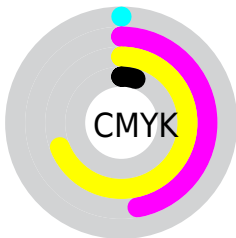
# Distribution



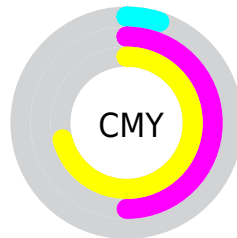
- Red (95%)
- Green (50%)
- Blue (29%)



- Red (95%)
- Yellow (60%)
- Blue (29%)



- Cyan (0%)
- Magenta (47%)
- Yellow (69%)
- Black (5%)



- Cyan (5%)
- Magenta (50%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1804B 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 F1804B by changing the saturation by 10% instead.



 F1804B

 F1804B

FFFFFF

 D26633

 FFB67E

 B34C1A

 FFD298

 953300

 FFEFB3

 771800

 FFFFCE

 5A0000

 FFFFEC

 3D0000

 220001

 000000

 F1804B

 F1804B

 F17033

 F19063

 F15F1B

 F1A17B

 F14F03

 F1B193

 F14D00

 F1C2AB

 F1D2C4

 F1E2DC

 F1F3F4

 F1FFFF

# Harmonies

## Analogous

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



FF6E7C



F1804B



CB9629

# Triad

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



F1804B



00B88B



7F98FF

# Complementary

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



F1804B



4BBCF1

# 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.



00AAFF



F1804B



00B9C4

# Square

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



F1804B



53B355



00B5F3



D080E6

# Rectangle

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



F1804B



AAA226



00B5F3



539FFF

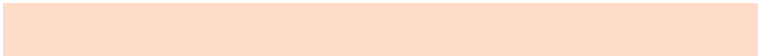


# Sweetspot

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



F1804B



FFDBC9



F14BBC



806A60



000000



808080



# Same Dimension

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



F1804B



FF6F2B



F1D34B



78706C



B83B00



381200



# Inverse Universe

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



4BBCF1



2BBBF



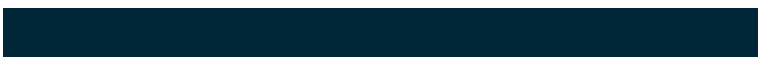
4B69F1



6C7478



007DB8



002638



# Previews

## White Background



This preview shows how the Hex color F1804B looks on a white background.

## Color Contrast Check

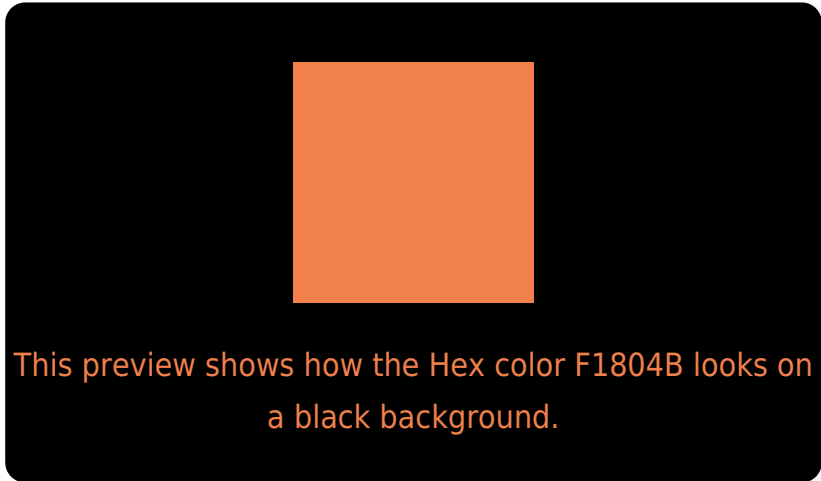
Large Text (above 18pt) WCAG AA × Fail

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 F1804B Background



This preview shows how black text looks on a background with the Hex color F1804B.



This preview shows how white text looks on a background with the Hex color F1804B.

# 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**  
F1804B

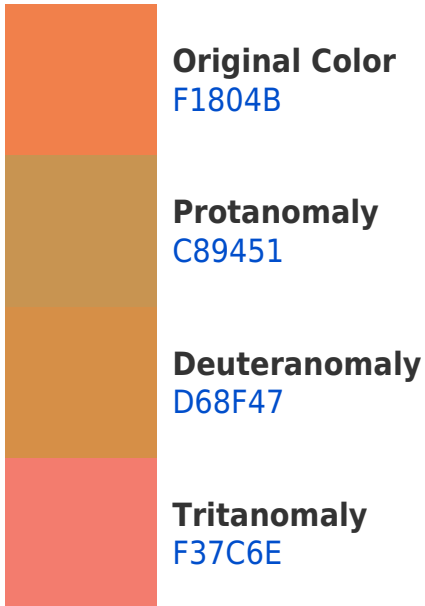
**Protanopia**  
B0A055

**Deuteranopia**  
C69845

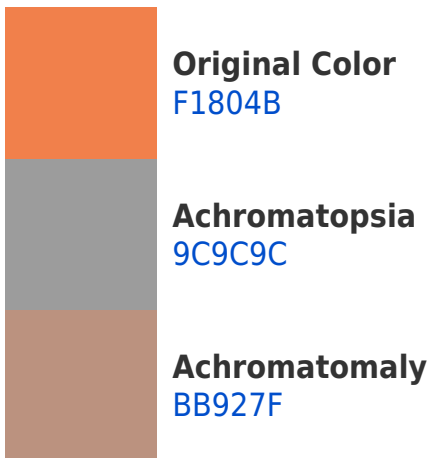


**Tritanopia**  
F47982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1804B 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 #F1804B looks like.

```
.text, #text, p{  
    color:#F1804B  
}
```

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 #F1804B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1804B
}
```

## Border

The CSS property to change the border of an element to Hex F1804B 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
#F1804B }
```

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

```
.border{ border-color:#F1804B }
```

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

Here you see how a box with a 4 pixel #F1804B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1804B; -webkit-box-shadow:4px 4px  
4px 4px #F1804B; box-shadow:4px 4px 4px  
4px #F1804B }
```

# Background

The CSS property to change the background color of an element to Hex F1804B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1804B }
```

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

```
.background{ background-color:#F1804B }
```

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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