

Converting Colors

Hex(FAC259)

Have a look what the booklet for
Hex(FAC259) contains.

Hex(FAC259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FAC259)

Conversions

Conversions Part 1

Format	Color
Hex	FAC259
RGB	250, 194, 89
RGB Percent	98%, 76%, 35%
CMY	0.0196, 0.2392, 0.6510
CMYK	0.00, 0.22, 0.64, 0.02
HSL	39°, 94%, 66%
HSV	39°, 64%, 98%
XYZ	60.5193, 59.6288, 17.7710
YIQ	198.7740, 67.0810, -20.7830

Conversions

Conversions Part 2

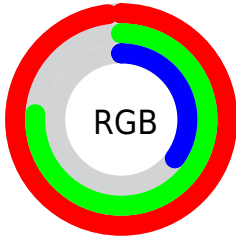
Format	Color
RYB	175, 250, 89
Decimal	16433753
CIELab	81.64, 9.31, 59.04
CIELCh	82, 59.769, 81.042
Yxy	59.6288, 0.4388, 0.4323
Android (android.graphics.Color)	4294623833 (0xFFFAAC259)
YUV	198.7740, -54.1186, 44.9252
Hunter-Lab	77.2197, 4.7611, 40.4091

Details

The Hex color **FAC259** 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 **5991FA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFA8F**, and **BE8D22** is the 20% darker color. If you saturate the color by 10%, you get **FAB940**, and if you desaturate by 10%, it is **FACB72**.

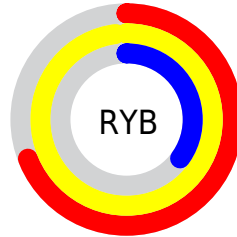
Distribution



Red (98%)

Green (76%)

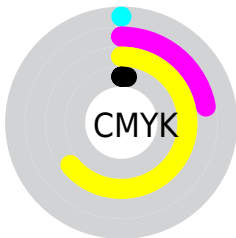
Blue (35%)



Red (69%)

Yellow (98%)

Blue (35%)

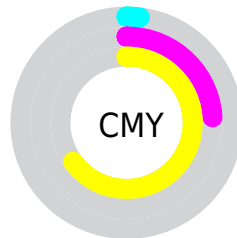


Cyan (0%)

Magenta (22%)

Yellow (64%)

Black (2%)



Cyan (2%)

Magenta (24%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FAC259 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 FAC259 by changing the saturation by 10% instead.

 FAC259

 FAC259

FFFFFF

 DCA73E

 FFFA8F

 BE8D22

 FFFFAA

 A07300

 FFFFC6

 845B00

 FFFFEE3

 684400

 4C2E00

 321900

 1A0000

 000000

 FAC259

 FAC259

 FAB940

 FACB72

 FAB127

 FAD38B

 FAA80E

 FADCA4

 FAA300

 FAE5BD

 FAEDD6

 FAF6EF

 FAFFFF

Harmonies

Analogous

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



FFAD75



FAC259



C5D45D

Triad

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



FAC259



00E7F1



FFADFF

Complementary

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



FAC259



5991FA

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.



B3C3FF



FAC259



00E2FF

Square

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



FAC259



00E6B8



0AD6FF



FF9DDE

Rectangle

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



FAC259



9BDD73



0AD6FF



EAB4FF

Sweetspot

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



FAC259



FFEECF



FA5991



807562



000000



808080

Same Dimension

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



FAC259



FFBB3B



E2FA59



7D7970



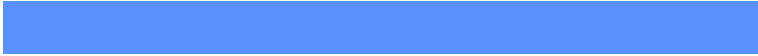
BD7B00



3D2800

Inverse Universe

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



5991FA



3B7FFF



7159FA



70757D



0042BD



00153D

Previews

White Background



This preview shows how the Hex color FAC259 looks on a white background.

Color Contrast Check

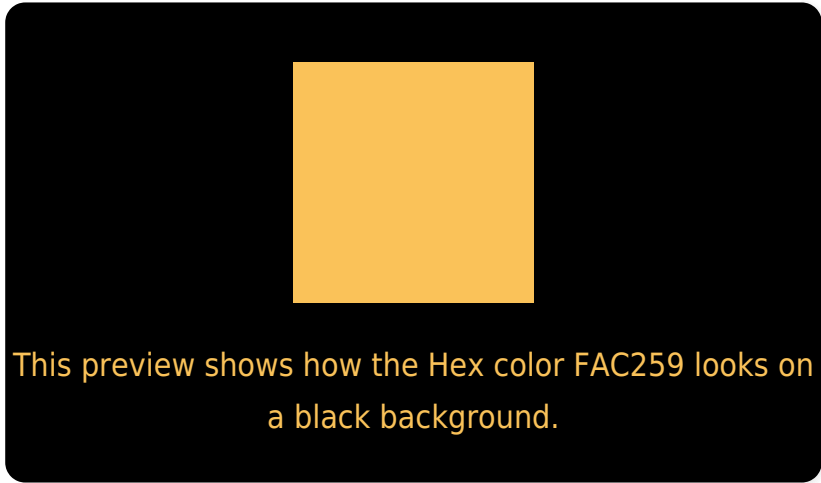
Large Text (above 18pt) WCAG AA × Fail

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 FAC259 Background



This preview shows how black text looks on a background with the Hex color FAC259.

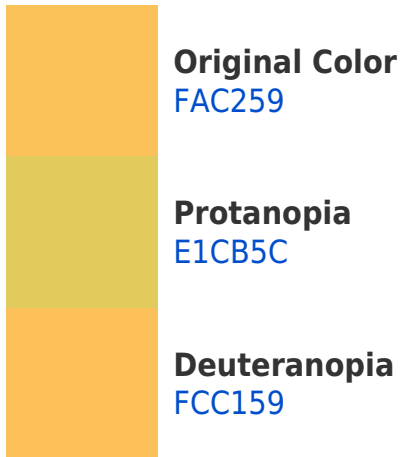


This preview shows how white text looks on a background with the Hex color FAC259.

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](#).

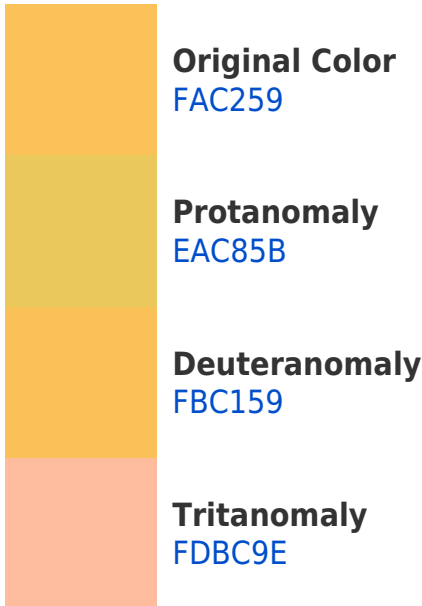
Dichromacy



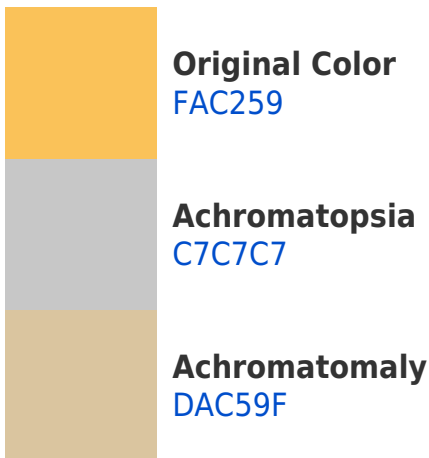


Tritanopia
FFB8C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FAC259 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 #FAC259 looks like.

```
.text, #text, p{  
    color:#FAC259  
}
```

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 #FAC259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAC259
}
```

Border

The CSS property to change the border of an element to Hex FAC259 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
#FAC259 }
```

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

```
.border{ border-color:#FAC259 }
```

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

Here you see how a box with a 4 pixel #FAC259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAC259; -webkit-box-shadow:4px 4px  
4px 4px #FAC259; box-shadow:4px 4px 4px  
4px #FAC259 }
```

Background

The CSS property to change the background color of an element to Hex FAC259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAC259 }
```

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

```
.background{ background-color:#FAC259 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor