

Converting Colors

Hex(FCE22C)

Have a look what the booklet for
Hex(FCE22C) contains.

Hex(FCE22C)	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(FCE22C)

Conversions

Conversions Part 1

Format	Color
Hex	FCE22C
RGB	252, 226, 44
RGB Percent	99%, 89%, 17%
CMY	0.0118, 0.1137, 0.8275
CMYK	0.00, 0.10, 0.83, 0.01
HSL	52°, 97%, 58%
HSV	52°, 83%, 99%
XYZ	67.7959, 75.2700, 13.3382
YIQ	213.0260, 73.9180, -51.0900

Conversions

Conversions Part 2

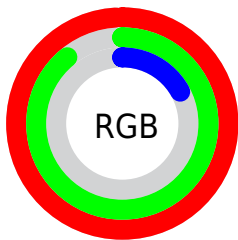
Format	Color
RYB	74, 252, 44
Decimal	16572972
CIELab	89.52, -8.08, 82.60
CIElCh	90, 82.995, 95.588
Yxy	75.2700, 0.4335, 0.4813
Android (android.graphics.Color)	4294763052 (0xFFFC E22C)
YUV	213.0260, -83.3298, 34.1802
Hunter-Lab	86.7583, -12.3411, 51.6156

Details

The Hex color **FCE22C** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **2C46FC**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF6C**, and **BFAB00** is the 20% darker color. If you saturate the color by 10%, you get **FCDF13**, and if you desaturate by 10%, it is **FCE545**.

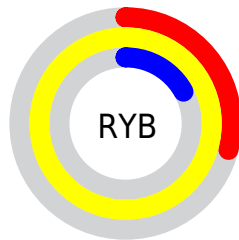
Distribution



Red (99%)

Green (89%)

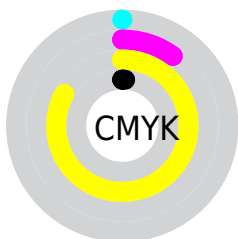
Blue (17%)



Red (29%)

Yellow (99%)

Blue (17%)

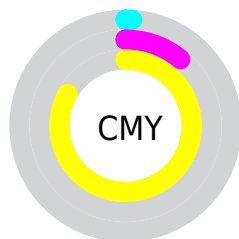


Cyan (0%)

Magenta (10%)

Yellow (83%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color FCE22C 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 FCE22C by changing the saturation by 10% instead.

 FCE22C

 FCE22C

FFFFFF

 DDC600

 FFFF6C

 BFAB00

 FFFF89

 A19100

 FFFFA6

 847700

 FFFF C4

 675F00

 FFFF E1

 4B4800

 313200

 191D00

 000000

 FCE22C

 FCE22C

 FCDF13

 FCE545

 FCDC00

 FCE85E

 FCEB78

 FCEF91

 FCF2AA

 FCF5C3

 FCF8DC

 FCFBF6

 FCFEFF

Harmonies

Analogous

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



FFC54A



FCE22C



A9F655

Triad

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



FCE22C



00FFFF



FFA4FF

Complementary

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



FCE22C



2C46FC

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.



F7C5FF



FCE22C



00FBFF

Square

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



FCE22C



00FFEE



31E5FF



FF94D5

Rectangle

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



FCE22C



58FF82



31E5FF



FFAEFF

Sweetspot

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



FCE22C



FFF7BF



FC2C48



807B59



000000



808080

Same Dimension

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



FCE22C



FFDF03



B0FC2C



7D7B70



BDA500



3D3600

Inverse Universe

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



2C46FC



0322FF



782CFC



70727D



0018BD



00083D

Previews

White Background



This preview shows how the Hex color FCE22C looks on a white background.

Color Contrast Check

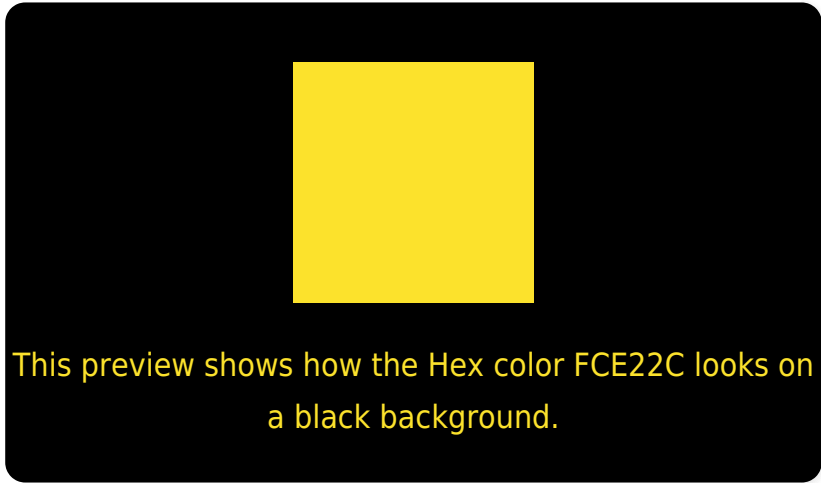
Large Text (above 18pt) WCAG AA × Fail

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 FCE22C Background



This preview shows how black text looks on a background with the Hex color FCE22C.



This preview shows how white text looks on a background with the Hex color FCE22C.

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
FCE22C

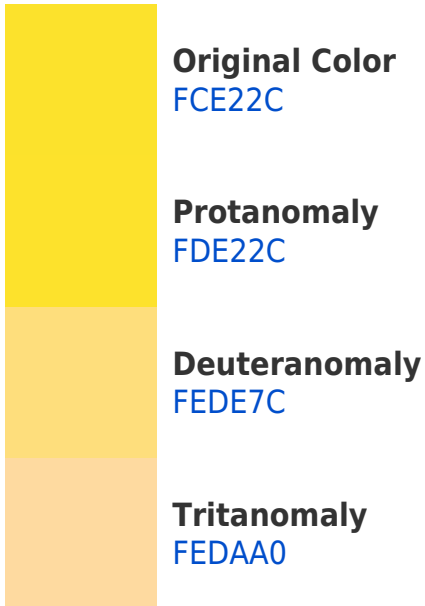
Protanopia
FDE22C

Deuteranopia
FFDCAA

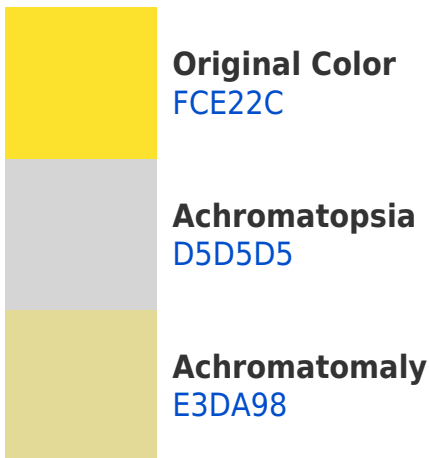


Tritanopia
FFD6E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FCE22C 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 #FCE22C looks like.

```
.text, #text, p{  
    color:#FCE22C  
}
```

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 #FCE22C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCE22C
}
```

Border

The CSS property to change the border of an element to Hex FCE22C 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
#FCE22C }
```

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

```
.border{ border-color:#FCE22C }
```

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

Here you see how a box with a 4 pixel #FCE22C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCE22C; -webkit-box-shadow:4px 4px  
4px 4px #FCE22C; box-shadow:4px 4px 4px  
4px #FCE22C }
```

Background

The CSS property to change the background color of an element to Hex FCE22C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCE22C }
```

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

```
.background{ background-color:#FCE22C }
```

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