

Converting Colors

Hex(FCE266)

Have a look what the booklet for
Hex(FCE266) contains.

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Color

Hex(FCE266)

Conversions

Conversions Part 1

Format	Color
Hex	FCE266
RGB	252, 226, 102
RGB Percent	99%, 89%, 40%
CMY	0.0118, 0.1137, 0.6000
CMYK	0.00, 0.10, 0.60, 0.01
HSL	50°, 96%, 69%
HSV	50°, 60%, 99%
XYZ	69.7395, 76.0475, 23.5733
YIQ	219.6380, 55.3000, -33.0520

Conversions

Conversions Part 2

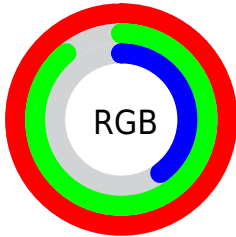
Format	Color
RYB	133, 252, 102
Decimal	16573030
CIELab	89.88, -5.41, 62.46
CIElCh	90, 62.695, 94.953
Yxy	76.0475, 0.4118, 0.4490
Android (android.graphics.Color)	4294763110 (0xFFFC E266)
YUV	219.6380, -57.9955, 28.3815
Hunter-Lab	87.2052, -9.8595, 45.0163

Details

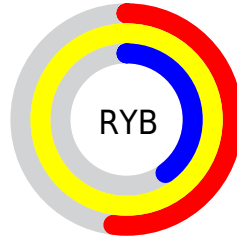
The Hex color **FCE266** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6680FC**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF9D**, and **C0AB2F** is the 20% darker color. If you saturate the color by 10%, you get **FCDE4D**, and if you desaturate by 10%, it is **FCE67F**.

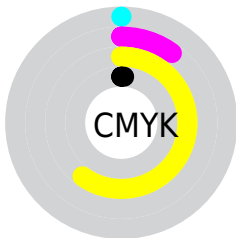
Distribution



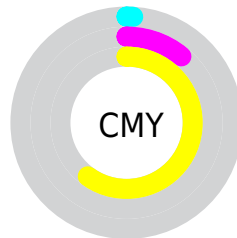
- Red (99%)
- Green (89%)
- Blue (40%)



- Red (52%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (60%)
- Black (1%)



- Cyan (1%)
- Magenta (11%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FCE266 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 FCE266 by changing the saturation by 10% instead.

 FCE266

 FCE266

FFFFFF

 DEC64B

 FFFF9D

 C0AB2F

 FFFFB9

 A3910A

 FFFFD6

 877700

 FFFFF3

 6B5F00

 504700

 363100

 1D1D00

 000000

 FCE266

 FCE266

 FCDE4D

 FCE67F

 FCD934

 FCEB98

 FCD51A

 FCEFB2

 FCD101

 FCF3CB

 FCD000

 FCF8E4

 FCFCFD

 FCFFFF

Harmonies

Analogous

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



FFCD75



FCE266



BDF27C

Triad

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



FCE266



00FFFF



FFB9FF

Complementary

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



FCE266



6680FC

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.



F4CEFF



FCE266



00F6FF

Square

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



FCE266



00FFEA



8BE5FF



FFAFDA

Rectangle

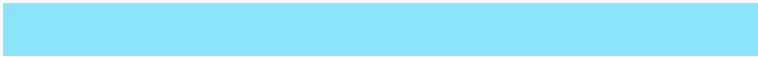
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCE266



8AFA9B



8BE5FF



FFBFFF

Sweetspot

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



FCE266



FFF7D1



FC6682



807B63



000000



808080

Same Dimension

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



FCE266



FFE04A



CDFC66



7D7B70



BD9C00



3D3300

Inverse Universe

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



6680FC



4A69FF



9566FC



70737D



0021BD



000B3D

Previews

White Background



This preview shows how the Hex color FCE266 looks on a white background.

Color Contrast Check

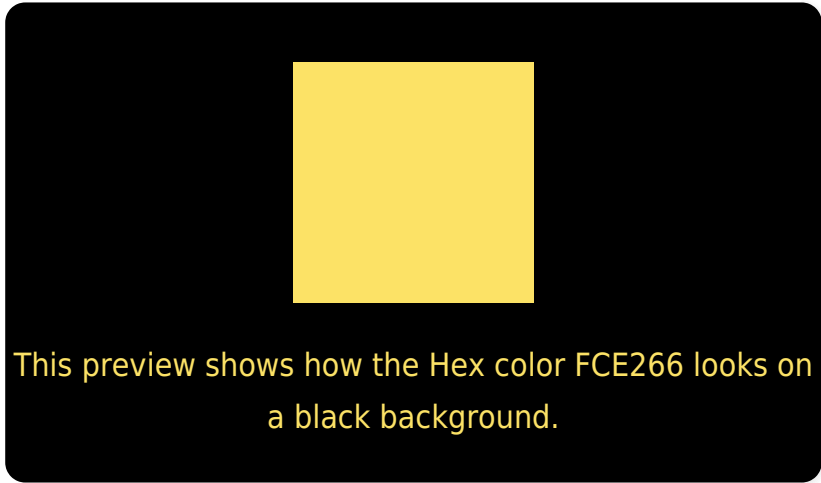
Large Text (above 18pt) WCAG AA × Fail

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 FCE266 Background



This preview shows how black text looks on a background with the Hex color FCE266.

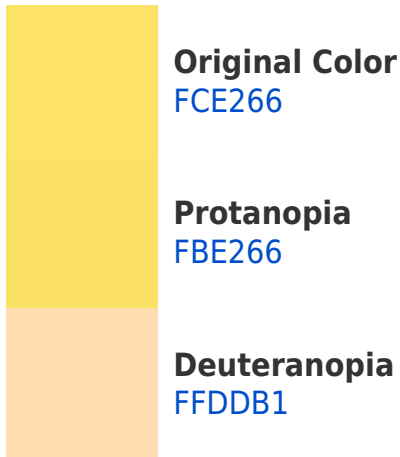


This preview shows how white text looks on a background with the Hex color FCE266.

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](#).

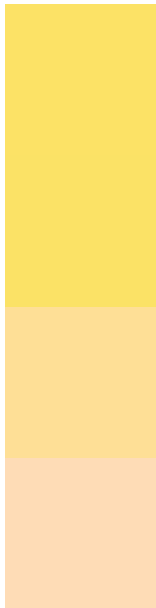
Dichromacy





Tritanopia
FFD8E4

Trichromacy



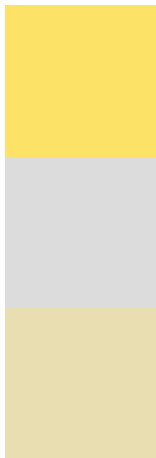
Original Color
FCE266

Protanomaly
FBE266

Deuteranomaly
FEDF96

Tritanomaly
FEDCB6

Monochromacy



Original Color
FCE266

Achromatopsia
DCDCDC

Achromatomaly
E8DEB1

CSS Examples

Text

The CSS property to change the color of the text to Hex FCE266 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 #FCE266 looks like.

```
.text, #text, p{  
    color:#FCE266  
}
```

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 #FCE266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCE266
}
```

Border

The CSS property to change the border of an element to Hex FCE266 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
#FCE266 }
```

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

```
.border{ border-color:#FCE266 }
```

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

Here you see how a box with a 4 pixel #FCE266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCE266; -webkit-box-shadow:4px 4px  
4px 4px #FCE266; box-shadow:4px 4px 4px  
4px #FCE266 }
```

Background

The CSS property to change the background color of an element to Hex FCE266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCE266 }
```

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

```
.background{ background-color:#FCE266 }
```

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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