

Converting Colors

Hex(F9E266)

Have a look what the booklet for
Hex(F9E266) contains.

Hex(F9E266)	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(F9E266)

Conversions

Conversions Part 1

Format	Color
Hex	F9E266
RGB	249, 226, 102
RGB Percent	98%, 89%, 40%
CMY	0.0235, 0.1137, 0.6000
CMYK	0.00, 0.09, 0.59, 0.02
HSL	51°, 92%, 69%
HSV	51°, 59%, 98%
XYZ	68.6616, 75.4918, 23.5229
YIQ	218.7410, 53.5120, -33.6880

Conversions

Conversions Part 2

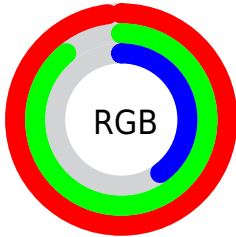
Format	Color
R _Y B	129, 249, 102
Decimal	16376422
CIE Lab	89.62, -6.63, 62.10
CIE LCh	90, 62.455, 96.097
Yxy	75.4918, 0.4095, 0.4502
Android (android.graphics.Color)	4294566502 (0xFFFF9E266)
YUV	218.7410, -57.5533, 26.5371
Hunter-Lab	86.8860, -10.9911, 44.7684

Details

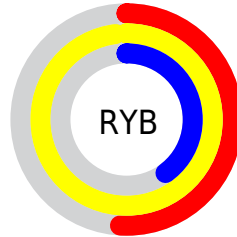
The Hex color **F9E266** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **667DF9**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF9D**, and **BEAB2F** is the 20% darker color. If you saturate the color by 10%, you get **F9DE4D**, and if you desaturate by 10%, it is **F9E67F**.

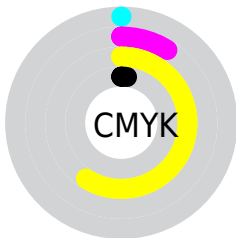
Distribution



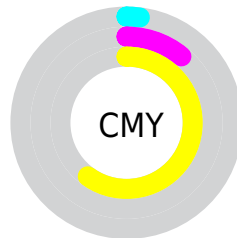
- Red (98%)
- Green (89%)
- Blue (40%)



- Red (51%)
- Yellow (98%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (59%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9E266 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 F9E266 by changing the saturation by 10% instead.

 F9E266

 F9E266

FFFFFF

 DBC64B

 FFFF9D

 BEAB2F

 FFFFB9

 A1910A

 FFFF D5

 847700

 FFFFF3

 695F00

 4E4700

 333100

 1B1D00

 000000

 F9E266

 F9E266

 F9DE4D

 F9E67F

 F9DA34

 F9EA98

 F9D61B

 F9EEB1

 F9D202

 F9F2CA

 F9D200

 F9F5E3

 F9F9FB

 F9FDFF

 F9FFFF

Harmonies

Analogous

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



FFCD74



F9E266



BAF27D

Triad

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



F9E266



00DFF



FFB7FF

Complementary

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



F9E266



667DF9

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.



F6CDFE



F9E266



00F4FF

Square

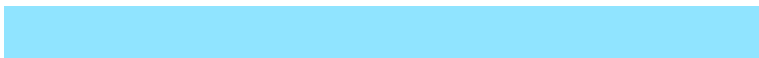
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F9E266



00FFEC



90E4FF



FFAFD7

Rectangle

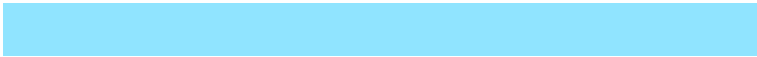
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9E266



87F99C



90E4FF



FFBEFF

Sweetspot

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



F9E266



FFF8D1



F9667F



807B63



000000



808080

Same Dimension

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



F9E266



FFE34A



C8F966



7D7B70



BD9F00



3D3400

Inverse Universe

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



667DF9



4A66FF



9766F9



70727D



001EBD



000A3D

Previews

White Background



This preview shows how the Hex color F9E266 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 F9E266 Background



This preview shows how black text looks on a background with the Hex color F9E266.



This preview shows how white text looks on a background with the Hex color F9E266.

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
F9E266

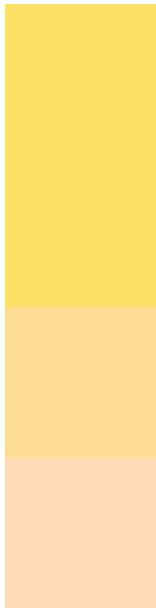
Protanopia
FAE266

Deuteranopia
FFDCAF



Tritanopia
FFD7E4

Trichromacy



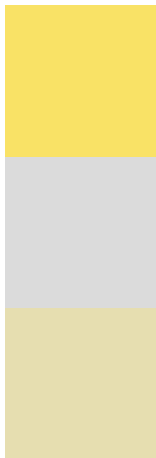
Original Color
F9E266

Protanomaly
FAE266

Deuteranomaly
FDDE94

Tritanomaly
FDDBB6

Monochromacy



Original Color
F9E266

Achromatopsia
DBDBDB

Achromatomaly
E6DEB0

CSS Examples

Text

The CSS property to change the color of the text to Hex F9E266 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 #F9E266 looks like.

```
.text, #text, p{  
    color:#F9E266  
}
```

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 #F9E266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9E266
}
```

Border

The CSS property to change the border of an element to Hex F9E266 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
#F9E266 }
```

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

```
.border{ border-color:#F9E266 }
```

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

Here you see how a box with a 4 pixel #F9E266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9E266; -webkit-box-shadow:4px 4px  
4px 4px #F9E266; box-shadow:4px 4px 4px  
4px #F9E266 }
```

Background

The CSS property to change the background color of an element to Hex F9E266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9E266 }
```

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

```
.background{ background-color:#F9E266 }
```

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