

# Converting Colors

Hex(F2E734)

Have a look what the booklet for  
Hex(F2E734) contains.

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**Color**

**Hex(F2E734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E734
RGB	242, 231, 52
RGB Percent	95%, 91%, 20%
CMY	0.0510, 0.0941, 0.7961
CMYK	0.00, 0.05, 0.79, 0.05
HSL	57°, 88%, 58%
HSV	57°, 79%, 95%
XYZ	65.8137, 76.2770, 14.5030
YIQ	213.8830, 64.0150, -53.3370

# Conversions

## Conversions Part 2

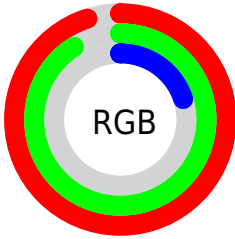
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 242, 52
Decimal	15918900
CIELab	89.99, -14.50, 80.60
CIELCh	90, 81.891, 100.197
Yxy	76.2770, 0.4203, 0.4871
Android (android.graphics.Color)	4294108980 (0xFFFF2E734)
YUV	213.8830, -79.8083, 24.6586
Hunter-Lab	87.3367, -18.3283, 51.2901

# Details

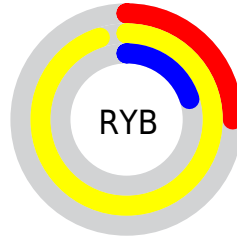
The Hex color **F2E734** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **343FF2**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF72**, and **B6B000** is the 20% darker color. If you saturate the color by 10%, you get **F2E61C**, and if you desaturate by 10%, it is **F2E84C**.

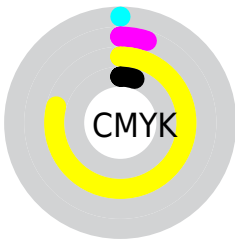
# Distribution



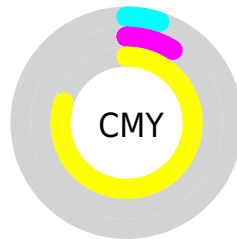
- Red (95%)
- Green (91%)
- Blue (20%)



- Red (25%)
- Yellow (95%)
- Blue (20%)



- Cyan (0%)
- Magenta (5%)
- Yellow (79%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2E734 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 F2E734 by changing the saturation by 10% instead.



 F2E734

 F2E734

FFFFFF

 D4CB00

 FFFF72

 B6B000

 FFFF8F

 989500

 FFFFAC

 7B7C00

 FFFFC9

 5F6300

 FFFFEE

 444B00

 293500

 102000

 000000

 F2E734

 F2E734

 F2E61C

 F2E84C

 F2E404

 F2EA64

 F2E400

 F2EB7D

 F2ED95

 F2EEAD

 F2EFC5

 F2F1DD

 F2F2F6

 F2F4FF

# Harmonies

## Analogous

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



FFCB47



F2E734



9CFA62

# Triad

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



F2E734



00FFFF



FFA2FF

# Complementary

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



F2E734



343FF2

# 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.



FFC2FF



F2E734



00F9FF

# Square

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



F2E734



00FFFC



72E2FF



FF98CB

# Rectangle

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



F2E734



3EFF90



72E2FF



FFACFF



# Sweetspot

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



F2E734



FFFBC2



F23441



807D5B



000000



808080



# Same Dimension

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



F2E734



FFF10F



A0F234



78776C



B8AD00



383500



# Inverse Universe

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



343FF2



0F1DFF



8634F2



6C6D78



000BB8



000338



# Previews

## White Background



This preview shows how the Hex color F2E734 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 F2E734 Background



This preview shows how black text looks on a background with the Hex color F2E734.

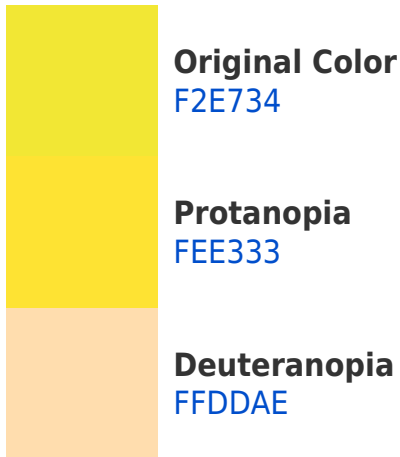


This preview shows how white text looks on a background with the Hex color F2E734.

# 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](#).

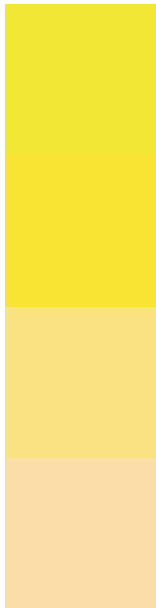
## Dichromacy





**Tritanopia**  
FFD8E8

# Trichromacy



**Original Color**  
F2E734

**Protanomaly**  
FAE433

**Deuteranomaly**  
FAE182

**Tritanomaly**  
FADDA7

# Monochromacy



**Original Color**  
F2E734

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
E0DC9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2E734 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 #F2E734 looks like.

```
.text, #text, p{  
    color:#F2E734  
}
```

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 #F2E734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2E734
}
```

## Border

The CSS property to change the border of an element to Hex F2E734 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
#F2E734 }
```

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

```
.border{ border-color:#F2E734 }
```

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

Here you see how a box with a 4 pixel #F2E734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2E734; -webkit-box-shadow:4px 4px  
4px 4px #F2E734; box-shadow:4px 4px 4px  
4px #F2E734 }
```

# Background

The CSS property to change the background color of an element to Hex F2E734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2E734 }
```

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

```
.background{ background-color:#F2E734 }
```

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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