

Converting Colors

Hex(F5E944)

Have a look what the booklet for
Hex(F5E944) contains.

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Color

Hex(F5E944)

Conversions

Conversions Part 1

Format	Color
Hex	F5E944
RGB	245, 233, 68
RGB Percent	96%, 91%, 27%
CMY	0.0392, 0.0863, 0.7333
CMYK	0.00, 0.05, 0.72, 0.04
HSL	56°, 90%, 61%
HSV	56°, 72%, 96%
XYZ	67.8385, 78.1077, 16.9697
YIQ	217.7780, 60.1170, -48.7710

Conversions

Conversions Part 2

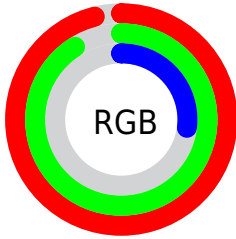
Format	Color
RYB	81, 245, 68
Decimal	16116036
CIELab	90.83, -13.63, 76.56
CIELCh	91, 77.762, 100.097
Yxy	78.1077, 0.4164, 0.4794
Android (android.graphics.Color)	4294306116 (0xFF5E944)
YUV	217.7780, -73.8406, 23.8737
Hunter-Lab	88.3785, -17.6476, 50.4806

Details

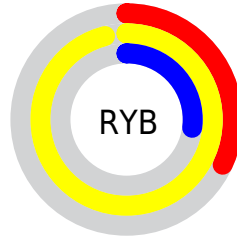
The Hex color **F5E944** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **4450F5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF7E**, and **B9B200** is the 20% darker color. If you saturate the color by 10%, you get **F5E72C**, and if you desaturate by 10%, it is **F5EB5D**.

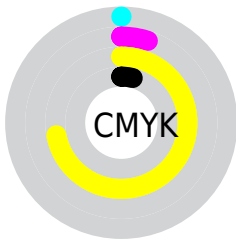
Distribution



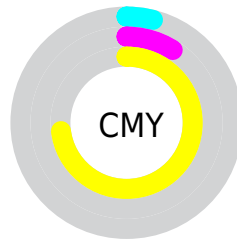
- Red (96%)
- Green (91%)
- Blue (27%)



- Red (32%)
- Yellow (96%)
- Blue (27%)



- Cyan (0%)
- Magenta (5%)
- Yellow (72%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5E944 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 F5E944 by changing the saturation by 10% instead.

 F5E944

 F5E944

FFFFFF

 D7CD21

 FFFF7E

 B9B200

 FFFF9B

 9C9700

 FFFFB8

 7F7D00

 FFFF D5

 636500

 FFFFF3

 474D00

 2D3600

 142100

 000600

 F5E944

 F5E944

 F5E72C

 F5EB5D

 F5E613

 F5EC75

 F5E400

 F5EE8E

 F5F0A6

 F5F1BF

 F5F3D7

 F5F5F0

 F5F6FF

 F5F8FF

Harmonies

Analogous

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



F5E944



A4FB6C



F5E944

Triad

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



F5E944



00FFFF



FFA9FF

Complementary

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



F5E944



4450F5

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.



FFC6FF



F5E944



00FAFF

Square

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



F5E944



00FFFD



82E5FF



FFA0CE

Rectangle

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



F5E944



53FF97



82E5FF



FFB2FF

Sweetspot

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



F5E944



FFFBC7



F54453



807D5E



000000



808080

Same Dimension

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



F5E944



FFF021



ABF544



7A7A6E



BAAE00



3B3700

Inverse Universe

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



4450F5



2130FF



8E44F5



6E6F7A



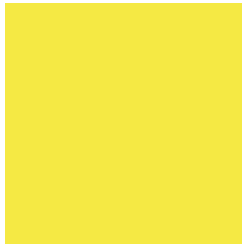
000DBA



00043B

Previews

White Background



This preview shows how the Hex color F5E944 looks on a white background.

Color Contrast Check

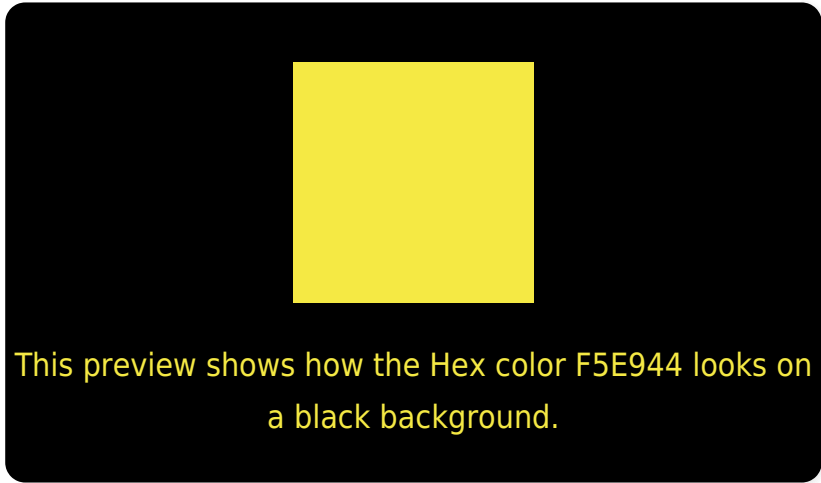
Large Text (above 18pt) WCAG AA × Fail

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 F5E944 Background



This preview shows how black text looks on a background with the Hex color F5E944.

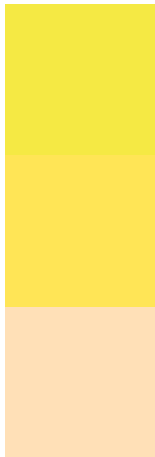


This preview shows how white text looks on a background with the Hex color F5E944.

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
F5E944

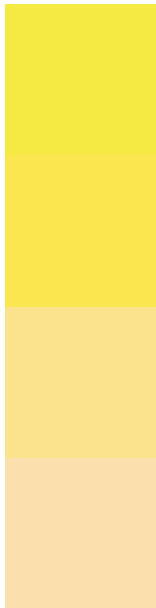
Protanopia
FFE556

Deuteranopia
FFE0B7



Tritanopia
FFDBEA

Trichromacy



Original Color
F5E944

Protanomaly
FBE64F

Deuteranomaly
FBE38D

Tritanomaly
FBE0AE

Monochromacy



Original Color
F5E944

Achromatopsia
DADADA

Achromatomaly
E4DFA3

CSS Examples

Text

The CSS property to change the color of the text to Hex F5E944 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 #F5E944 looks like.

```
.text, #text, p{  
    color:#F5E944  
}
```

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 #F5E944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5E944
}
```

Border

The CSS property to change the border of an element to Hex F5E944 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
#F5E944 }
```

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

```
.border{ border-color:#F5E944 }
```

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

Here you see how a box with a 4 pixel #F5E944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5E944; -webkit-box-shadow:4px 4px  
4px 4px #F5E944; box-shadow:4px 4px 4px  
4px #F5E944 }
```

Background

The CSS property to change the background color of an element to Hex F5E944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5E944 }
```

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

```
.background{ background-color:#F5E944 }
```

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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