

Converting Colors

Hex(F7D961)

Have a look what the booklet for
Hex(F7D961) contains.

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Color

Hex(F7D961)

Conversions

Conversions Part 1

Format	Color
Hex	F7D961
RGB	247, 217, 97
RGB Percent	97%, 85%, 38%
CMY	0.0314, 0.1490, 0.6196
CMYK	0.00, 0.12, 0.61, 0.03
HSL	48°, 90%, 67%
HSV	48°, 61%, 97%
XYZ	65.3283, 70.2629, 21.4282
YIQ	212.2900, 56.4000, -30.9600

Conversions

Conversions Part 2

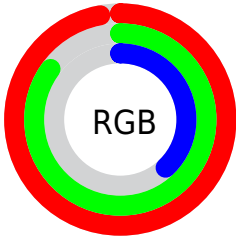
Format	Color
RYB	135, 247, 97
Decimal	16243041
CIELab	87.13, -3.25, 61.47
CIELCh	87, 61.555, 93.027
Yxy	70.2629, 0.4161, 0.4475
Android (android.graphics.Color)	4294433121 (0xFFFF7D961)
YUV	212.2900, -56.8380, 30.4407
Hunter-Lab	83.8230, -7.5744, 43.5194

Details

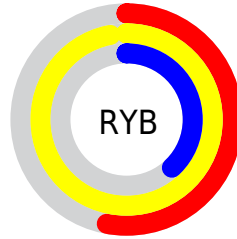
The Hex color **F7D961** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **617FF7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF97**, and **BCA22A** is the 20% darker color. If you saturate the color by 10%, you get **F7D448**, and if you desaturate by 10%, it is **F7DE7A**.

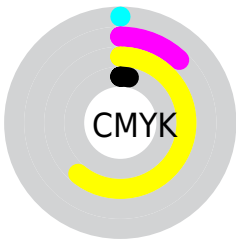
Distribution



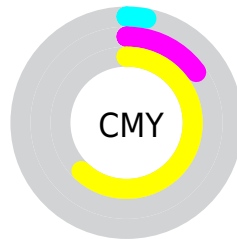
- Red (97%)
- Green (85%)
- Blue (38%)



- Red (53%)
- Yellow (97%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (61%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7D961 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 F7D961 by changing the saturation by 10% instead.

 F7D961

 F7D961

FFFFFF

 D9BD46

 FFFF97

 BCA22A

 FFFFB3

 9F8802


 FFFF00

 826F00

 FFFFED

 675700

 4B4000

 312B00

 191700

 000000

 F7D961

 F7D961

 F7D448

 F7DE7A

 F7CF30

 F7E392

 F7CA17

 F7E8AB

 F7C600

 F7EDC4

 F7F2DC

 F7F7F5

 F7FCFF

 F7FFFF

Harmonies

Analogous

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



F7C472



F7D961



BAE974

Triad

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



F7D961



00F6FF



FFB3FF

Complementary

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



F7D961



617FF7

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.



E6C9FF



F7D961



00EEFF

Square

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



F7D961



00F8DF



7CDEFF



FFA8D7

Rectangle

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



F7D961



8AF191



7CDEFF



FFB9FF

Sweetspot

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



F7D961



FFF6D1



F7617F



807A63



000000



808080

Same Dimension

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



F7D961



FFDA45



CAF761



7A786E



BA9500



3B2F00

Inverse Universe

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



617FF7



456AFF



8E61F7



6E717A



0025BA



000C3B

Previews

White Background



This preview shows how the Hex color F7D961 looks on a white background.

Color Contrast Check

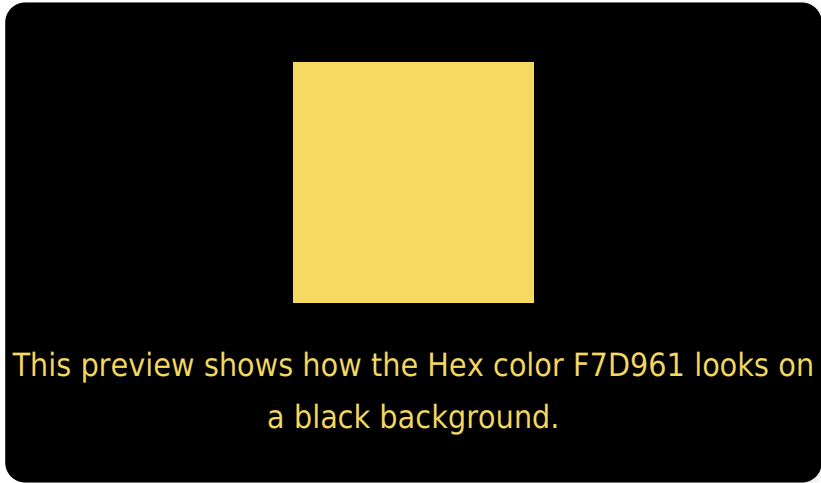
Large Text (above 18pt) WCAG AA × Fail

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 F7D961 Background



This preview shows how black text looks on a background with the Hex color F7D961.

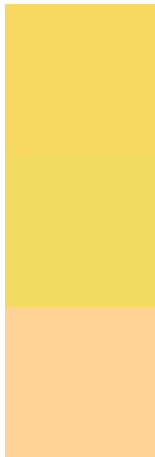


This preview shows how white text looks on a background with the Hex color F7D961.

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

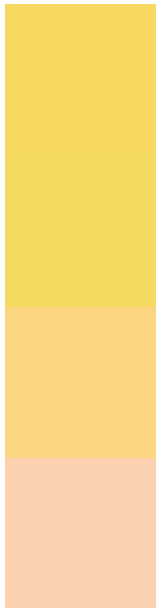


Original Color
F7D961

Protanopia
F2DB61

Deuteranopia
FFD396

Trichromacy



Original Color
F7D961

Protanomaly
F4DA61

Deuteranomaly
FCD583

Tritanomaly
FCD1AF

Monochromacy



Original Color
F7D961

Achromatopsia
D4D4D4

Achromatomaly
E1D6AA

CSS Examples

Text

The CSS property to change the color of the text to Hex F7D961 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 #F7D961 looks like.

```
.text, #text, p{  
    color:#F7D961  
}
```

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 #F7D961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7D961
}
```

Border

The CSS property to change the border of an element to Hex F7D961 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
#F7D961 }
```

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

```
.border{ border-color:#F7D961 }
```

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

Here you see how a box with a 4 pixel #F7D961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7D961; -webkit-box-shadow:4px 4px  
4px 4px #F7D961; box-shadow:4px 4px 4px  
4px #F7D961 }
```

Background

The CSS property to change the background color of an element to Hex F7D961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7D961 }
```

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

```
.background{ background-color:#F7D961 }
```

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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