

Converting Colors

Hex(F4D05D)

Have a look what the booklet for
Hex(F4D05D) contains.

Hex(F4D05D)	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(F4D05D)

Conversions

Conversions Part 1

Format	Color
Hex	F4D05D
RGB	244, 208, 93
RGB Percent	96%, 82%, 36%
CMY	0.0431, 0.1843, 0.6353
CMYK	0.00, 0.15, 0.62, 0.04
HSL	46°, 87%, 66%
HSV	46°, 62%, 96%
XYZ	61.8399, 65.1352, 19.6690
YIQ	205.6540, 58.3710, -28.1330

Conversions

Conversions Part 2

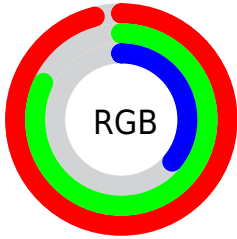
Format	Color
RYB	140, 244, 93
Decimal	16044125
CIELab	84.55, -0.16, 60.31
CIElCh	85, 60.309, 90.153
Yxy	65.1352, 0.4217, 0.4442
Android (android.graphics.Color)	4294234205 (0xFFF4D05D)
YUV	205.6540, -55.5384, 33.6294
Hunter-Lab	80.7064, -4.4635, 42.0449

Details

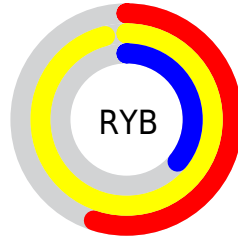
The Hex color **F4D05D** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5D81F4**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF93**, and **B99A26** is the 20% darker color. If you saturate the color by 10%, you get **F4CA45**, and if you desaturate by 10%, it is **F4D675**.

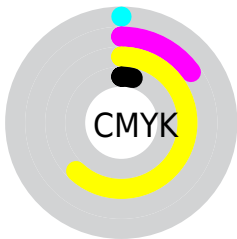
Distribution



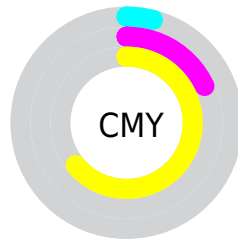
- Red (96%)
- Green (82%)
- Blue (36%)



- Red (55%)
- Yellow (96%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (62%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4D05D 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 F4D05D by changing the saturation by 10% instead.

 F4D05D

 F4D05D

FFFFFF

 D6B542

 FFFF93

 B99A26

 FFFFAF

 9C8000

 FFFFCB

 7F6700

 FFFFEB

 645000

 483900

 2F2400

 150F00

 000000

 F4D05D

 F4D05D

 F4CA45

 F4D675

 F4C42C

 F4DC8E

 F4BF14

 F4E1A6

 F4BA00

 F4E7BF

 F4EDD7

 F4F3EF

 F4F9FF

 F4FFFF

Harmonies

Analogous

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



FFBB71



F4D05D



BAE16C

Triad

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



F4D05D



00EFFF



FFAEFF

Complementary

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



F4D05D



5D81F4

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.



D7C4FF



F4D05D



00E8FF

Square

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



F4D05D



00F0D1



69D9FF



FFA3D5

Rectangle

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



F4D05D



8CE887



69D9FF



FFB5FF

Sweetspot

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



F4D05D



FFF3CF



F45D83



807962



000000



808080

Same Dimension

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



F4D05D



FFD242



CEF45D



7A776E



BA8E00



3B2D00

Inverse Universe

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



5D81F4



426FFF



835DF4



6E717A



002CBA



000E3B

Previews

White Background



This preview shows how the Hex color F4D05D looks on a white background.

Color Contrast Check

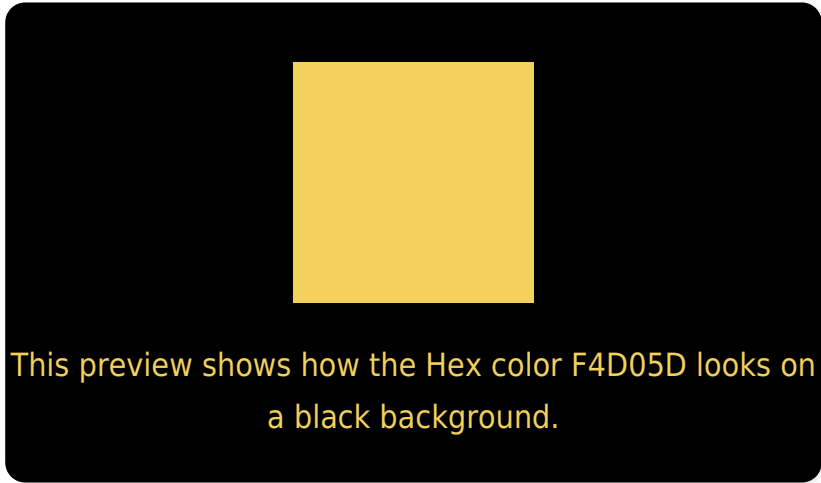
Large Text (above 18pt) WCAG AA × Fail

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 F4D05D Background



This preview shows how black text looks on a background with the Hex color F4D05D.

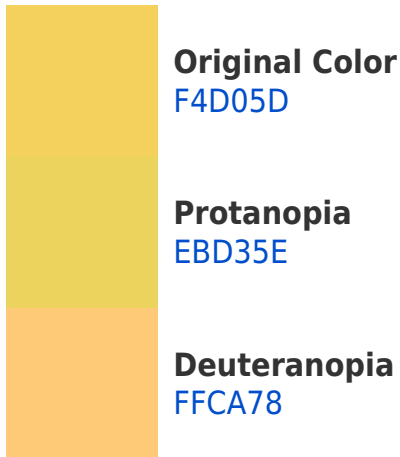


This preview shows how white text looks on a background with the Hex color F4D05D.

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](#).

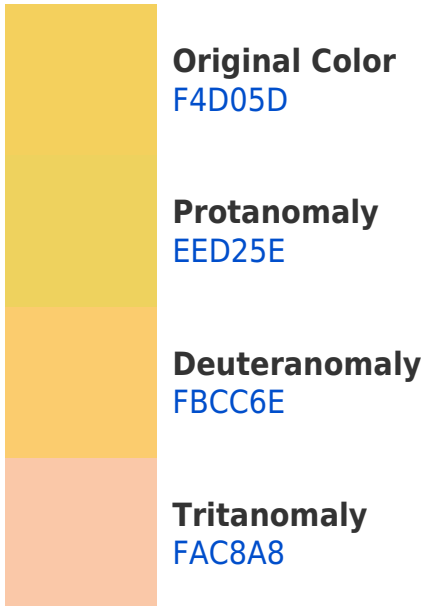
Dichromacy



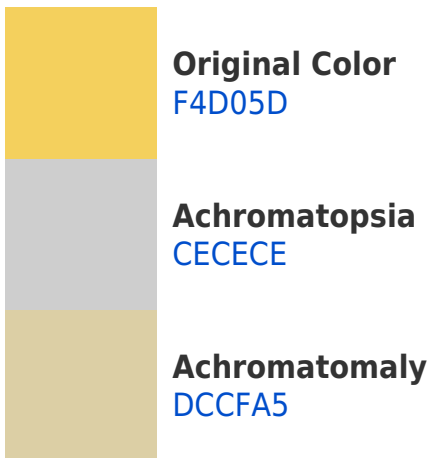


Tritanopia
FEC4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F4D05D 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 #F4D05D looks like.

```
.text, #text, p{  
    color:#F4D05D  
}
```

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 #F4D05D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4D05D
}
```

Border

The CSS property to change the border of an element to Hex F4D05D 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
#F4D05D }
```

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

```
.border{ border-color:#F4D05D }
```

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

Here you see how a box with a 4 pixel #F4D05D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4D05D; -webkit-box-shadow:4px 4px  
4px 4px #F4D05D; box-shadow:4px 4px 4px  
4px #F4D05D }
```

Background

The CSS property to change the background color of an element to Hex F4D05D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4D05D }
```

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

```
.background{ background-color:#F4D05D }
```

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