

Converting Colors

Hex(FDDB25)

Have a look what the booklet for
Hex(FDDB25) contains.

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Color

Hex(FDDB25)

Conversions

Conversions Part 1

Format	Color
Hex	FDDDB25
RGB	253, 219, 37
RGB Percent	99%, 86%, 15%
CMY	0.0078, 0.1412, 0.8549
CMYK	0.00, 0.13, 0.85, 0.01
HSL	51°, 98%, 57%
HSV	51°, 85%, 99%
XYZ	66.1735, 71.6793, 12.0980
YIQ	208.4180, 78.6860, -49.3940

Conversions

Conversions Part 2

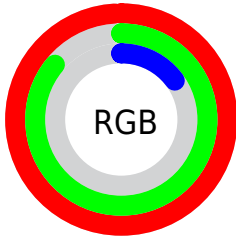
Format	Color
RYB	77, 253, 37
Decimal	16636709
CIELab	87.81, -4.32, 82.84
CIELCh	88, 82.953, 92.987
Yxy	71.6793, 0.4413, 0.4780
Android (android.graphics.Color)	4294826789 (0xFFFDDB25)
YUV	208.4180, -84.5091, 39.0984
Hunter-Lab	84.6636, -8.6449, 50.7923

Details

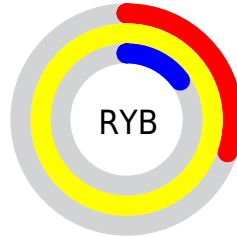
The Hex color **FDDDB25** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **2547FD**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF67**, and **C0A500** is the 20% darker color. If you saturate the color by 10%, you get **FDD70C**, and if you desaturate by 10%, it is **FDDF3E**.

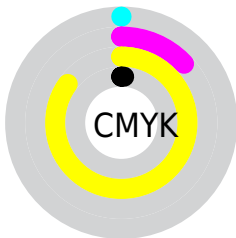
Distribution



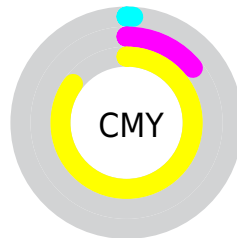
- Red (99%)
- Green (86%)
- Blue (15%)



- Red (30%)
- Yellow (99%)
- Blue (15%)



- Cyan (0%)
- Magenta (13%)
- Yellow (85%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDDDB25 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 FDDDB25 by changing the saturation by 10% instead.

 FDDDB25

 FDDDB25

FFFFFFF

 DEBF00

 FFFF67

 C0A500

 FFFF84

 A28A00

 FFFFA1

 857100

 FFFFBE

 685900

 FFFFDC

 4C4200

 FFFFFA

 322C00

 191800

 000000

 Fddb25

 Fddb25

 FDD70C

 FDDF3E

 FDD500

 FDE358

 FDE771

 FDEB8A

 FDEFA4

 FDF3BD

 FDF7D6

 FDFBEF

FDFFFF

Harmonies

Analogous

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



FFBD4A



FDDB25



ACF04B

Triad

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



FDDDB25



00FFFF



FFA1FF

Complementary

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



FDDB25



2547FD

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.



E7C4FF



FDDDB25



00F7FF

Square

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



FDDDB25



00FFE2



00E3FF



FF8FD8

Rectangle

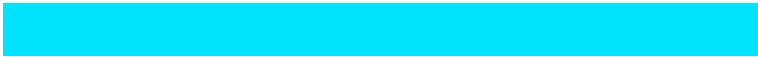
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDDDB25



60F978



00E3FF



FFACFF

Sweetspot

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



FDDDB25



FFF5BD



FD2549



807958



000000



808080

Same Dimension

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



FDDB25



FFD700



B5FD25



807D73



BFA100



403600

Inverse Universe

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



2547FD



0028FF



6D25FD



737580



001EBF



000A40

Previews

White Background



This preview shows how the Hex color FDDDB25 looks on a white background.

Color Contrast Check

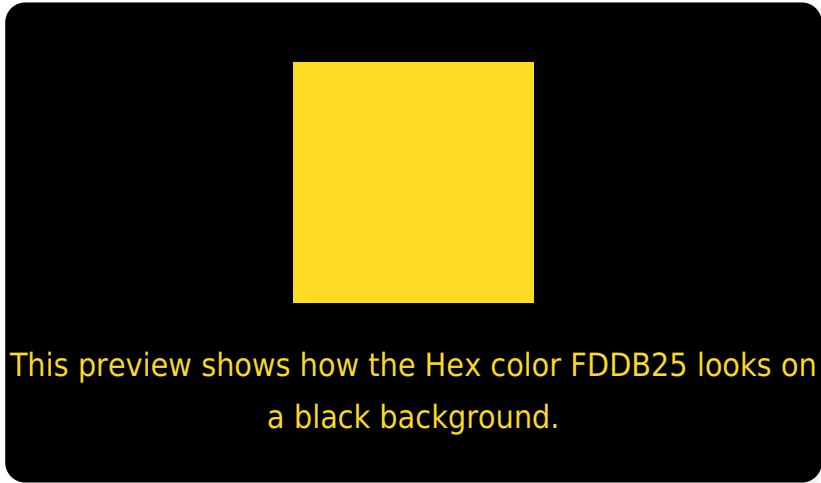
Large Text (above 18pt) WCAG AA × Fail

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 FDDDB25 Background



This preview shows how black text looks on a background with the Hex color FDDDB25.



This preview shows how white text looks on a background with the Hex color FDDDB25.

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

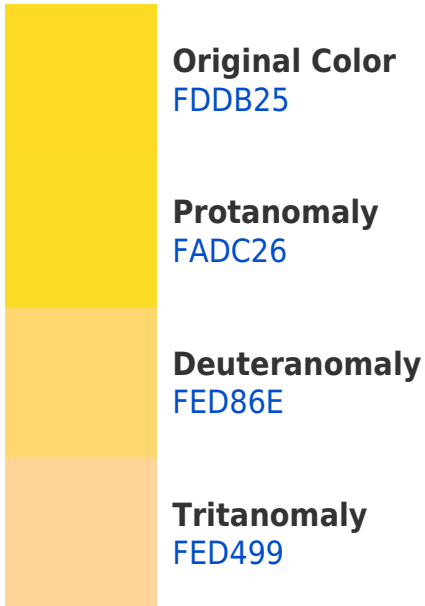


Original Color
FDDB25

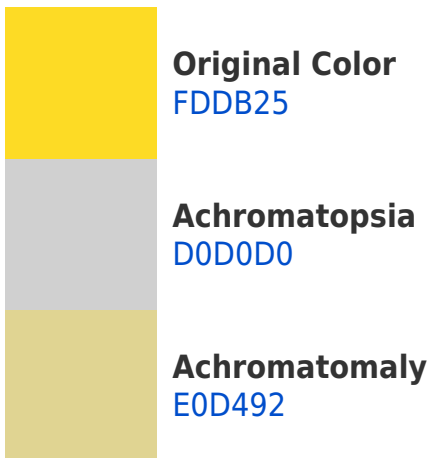
Protanopia
F8DD26

Deuteranopia
FFD698

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDDDB25 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 #FDDDB25 looks like.

```
.text, #text, p{  
    color:#FDDDB25  
}
```

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 #FDDB25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDDB25
}
```

Border

The CSS property to change the border of an element to Hex FDDB25 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
#FDDB25 }
```

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

```
.border{ border-color:#FDDB25 }
```

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

Here you see how a box with a 4 pixel #FDDB25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDDB25; -webkit-box-shadow:4px 4px  
4px 4px #FDDB25; box-shadow:4px 4px 4px  
4px #FDDB25 }
```

Background

The CSS property to change the background color of an element to Hex FDDDB25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDDDB25 }
```

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

```
.background{ background-color:#FDDDB25 }
```

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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