

Converting Colors

Hex(FFD162)

Have a look what the booklet for
Hex(FFD162) contains.

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Color

Hex(FFD162)

Conversions

Conversions Part 1

Format	Color
Hex	FFD162
RGB	255, 209, 98
RGB Percent	100%, 82%, 38%
CMY	0.0000, 0.1804, 0.6157
CMYK	0.00, 0.18, 0.62, 0.00
HSL	42°, 100%, 69%
HSV	42°, 62%, 100%
XYZ	66.2451, 67.7428, 21.1394
YIQ	210.1000, 63.0470, -24.7690

Conversions

Conversions Part 2

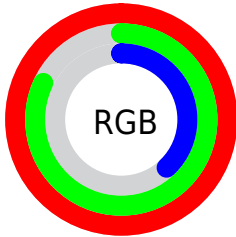
Format	Color
RYB	163, 255, 98
Decimal	16765282
CIELab	85.88, 4.18, 59.84
CIELCh	86, 59.988, 86.001
Yxy	67.7428, 0.4270, 0.4367
Android (android.graphics.Color)	4294955362 (0xFFFFD162)
YUV	210.1000, -55.2653, 39.3773
Hunter-Lab	82.3060, -0.3674, 42.3862

Details

The Hex color **FFD162** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6290FF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF98**, and **C39B2C** is the 20% darker color. If you saturate the color by 10%, you get **FFCA49**, and if you desaturate by 10%, it is **FFD87B**.

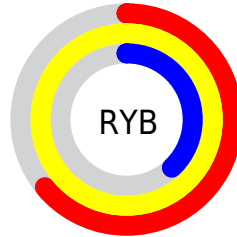
Distribution



Red (100%)

Green (82%)

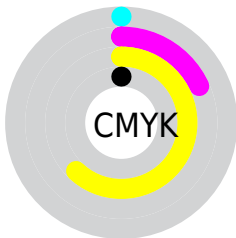
Blue (38%)



Red (64%)

Yellow (100%)

Blue (38%)

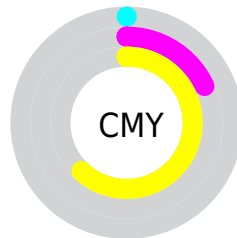


Cyan (0%)

Magenta (18%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD162 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 FFD162 by changing the saturation by 10% instead.

 FFD162

 FFD162

FFFFFF

 E1B647

 FFFF98

 C39B2C

 FFFFB4

 A68108

 FFFF00

 896800

 FFFFED

 6D5000

 513A00

 372400

 1F1000

 000000

FFD162

FFD162

FFCA49

FFD87B

FFC22F

FFE095

FFBB16

FFE7AF

FFB400

FFEFC8

FFF6E2

FFFEFB

FFFFFF

Harmonies

Analogous

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



FFBC7A



FFD162



C7E26C

Triad

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



FFD162



00F3FF



FFB5FF

Complementary

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



FFD162



6290FF

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.



CFCBFF



FFD162



00EDFF

Square

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



FFD162



00F3CD



59DFFF



FFA7E1

Rectangle

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



FFD162



9AEB85



59DFFF



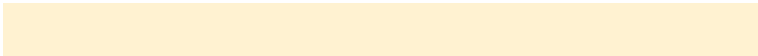
FFBCFF

Sweetspot

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



FFD162



FFF2D1



FF6291



807763



000000



808080

Same Dimension

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



FFD162



FFC842



E0FF62



807C73



BF8700



402D00

Inverse Universe

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



6290FF



427AFF



8162FF



737680



0038BF



001340

Previews

White Background



This preview shows how the Hex color FFD162 looks on a white background.

Color Contrast Check

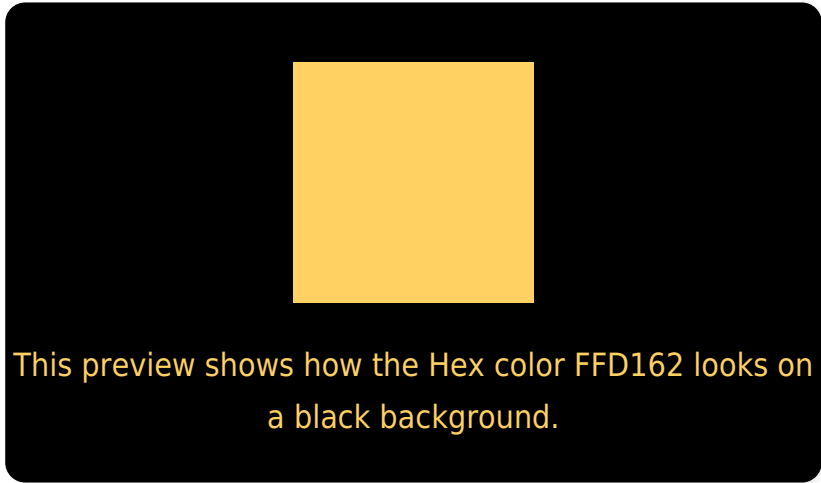
Large Text (above 18pt) WCAG AA × Fail

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 FFD162 Background



This preview shows how black text looks on a background with the Hex color FFD162.



This preview shows how white text looks on a background with the Hex color FFD162.

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
FFD162

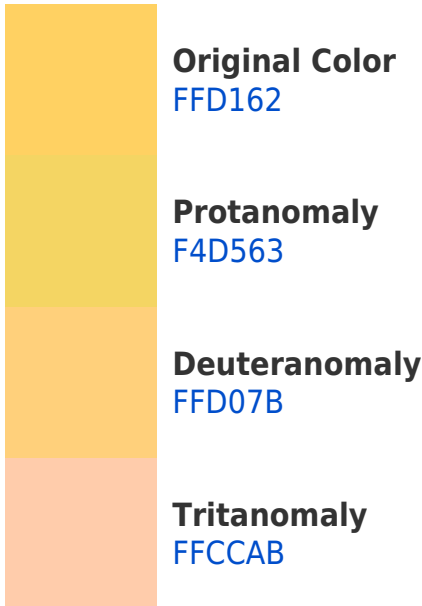
Protanopia
EED764

Deuteranopia
FFCF89

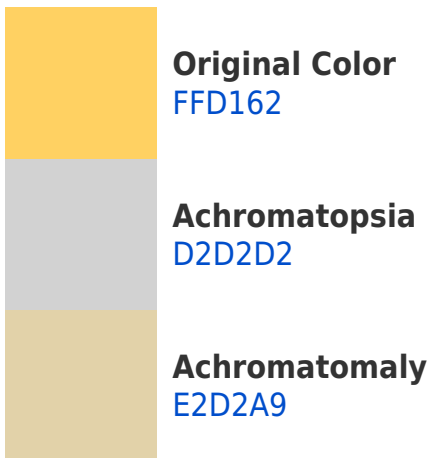


Tritanopia
FFC9D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFD162 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 #FFD162 looks like.

```
.text, #text, p{  
    color:#FFD162  
}
```

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 #FFD162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD162
}
```

Border

The CSS property to change the border of an element to Hex FFD162 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
#FFD162 }
```

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

```
.border{ border-color:#FFD162 }
```

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

Here you see how a box with a 4 pixel #FFD162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD162; -webkit-box-shadow:4px 4px  
4px 4px #FFD162; box-shadow:4px 4px 4px  
4px #FFD162 }
```

Background

The CSS property to change the background color of an element to Hex FFD162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD162 }
```

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

```
.background{ background-color:#FFD162 }
```

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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