

# Converting Colors

Hex(C5D062)

Have a look what the booklet for  
Hex(C5D062) contains.

<b>Hex(C5D062)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C5D062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D062
RGB	197, 208, 98
RGB Percent	77%, 82%, 38%
CMY	0.2275, 0.1843, 0.6157
CMYK	0.05, 0.00, 0.53, 0.18
HSL	66°, 54%, 60%
HSV	66°, 53%, 82%
XYZ	47.7864, 57.8639, 20.2055
YIQ	192.1710, 28.7540, -36.5420

# Conversions

## Conversions Part 2

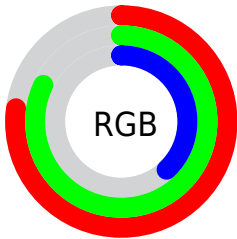
Format	Color
<a href="#">RYB</a>	<a href="#">98, 208, 109</a>
Decimal	<a href="#">12963938</a>
CIELab	<a href="#">80.66, -19.07, 52.58</a>
CIELCh	<a href="#">81, 55.934, 109.934</a>
Yxy	<a href="#">57.8639, 0.3797, 0.4598</a>
Android (android.graphics.Color)	<a href="#">4291154018 (0xFFC5D062)</a>
YUV	<a href="#">192.1710, -46.4263, 4.2350</a>
Hunter-Lab	<a href="#">76.0683, -20.9851, 37.4990</a>

# Details

The Hex color **C5D062** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6D62D0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF98**, and **8D9A2D** is the 20% darker color. If you saturate the color by 10%, you get **C3D04D**, and if you desaturate by 10%, it is **C7D077**.

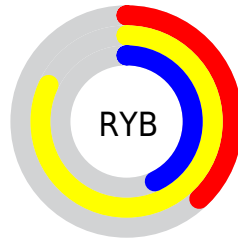
# Distribution



Red (77%)

Green (82%)

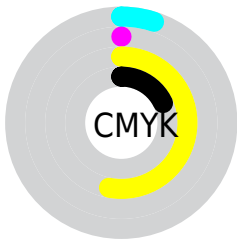
Blue (38%)



Red (38%)

Yellow (82%)

Blue (43%)

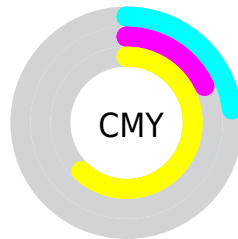


Cyan (5%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (23%)

Magenta (18%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5D062 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 C5D062 by changing the saturation by 10% instead.



 C5D062

 C5D062

FFFFFF

 A9B448

 FFFF98

 8D9A2D

 FFFFB3

 72800E

 FFFFCF

 576700

 FFFFEC

 3E4F00

 243800

 092300

 000500

 000000

 C5D062

 C5D062

 C3D04D

 C7D077

 C1D038

 C9D08C

 BFD024

 CBD0A0

 BDD00F

 CDD0B5

 BBD000

 CFD0CA

 D1D0DF

 D4D0F4

 D6D0FF

 D8D0FF

# Harmonies

## Analogous

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



F7BF5F



C5D062



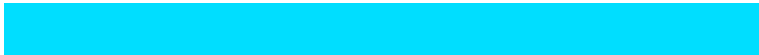
88DC82

# Triad

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



C5D062



00DEFF



FF9EDC

# Complementary

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



C5D062



6D62D0

# 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.



F8ADFF



C5D062



31D3FF

# Square

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



C5D062



00E3EA



B0C1FF



FF9EA7

# Rectangle

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



C5D062



51E0A3



B0C1FF



FFA2ED



# Sweetspot

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



C5D062



FBFFD6



D06D62



7D8067



000000



808080



# Same Dimension

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



C5D062



EFFF5E



90D062



68695E



97A800



252900



# Inverse Universe

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



6D62D0



6E5EFF



A462D0



5F5E69



1100A8



040029



# Previews

## White Background



This preview shows how the Hex color C5D062 looks on a white background.

## Color Contrast Check

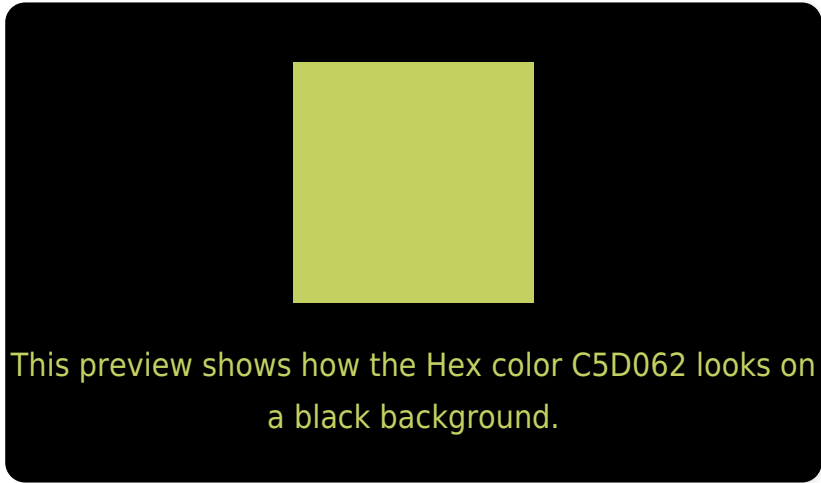
Large Text (above 18pt) WCAG AA × Fail

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 C5D062 Background



This preview shows how black text looks on a background with the Hex color C5D062.

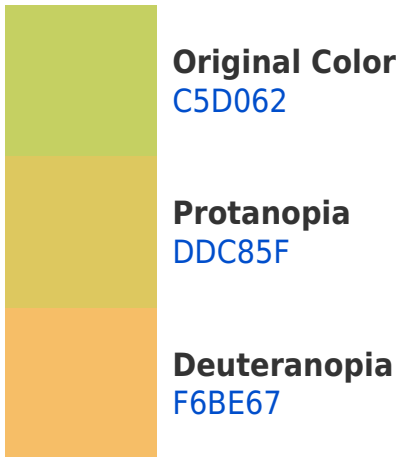


This preview shows how white text looks on a background with the Hex color C5D062.

# 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](#).

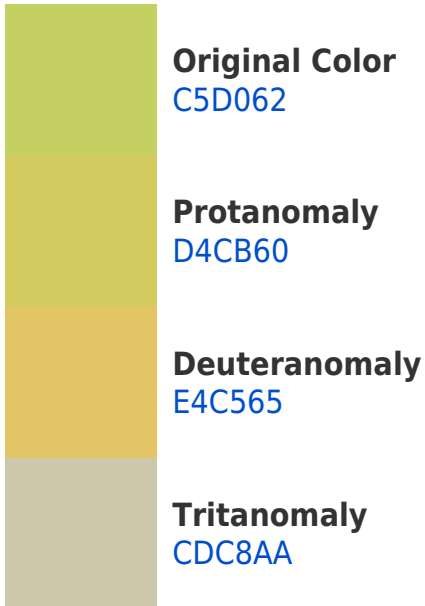
## Dichromacy





**Tritanopia**  
D1C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5D062 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 #C5D062 looks like.

```
.text, #text, p{  
    color:#C5D062  
}
```

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 #C5D062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D062
}
```

## Border

The CSS property to change the border of an element to Hex C5D062 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
#C5D062 }
```

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

```
.border{ border-color:#C5D062 }
```

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

Here you see how a box with a 4 pixel #C5D062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D062; -webkit-box-shadow:4px 4px  
4px 4px #C5D062; box-shadow:4px 4px 4px  
4px #C5D062 }
```

# Background

The CSS property to change the background color of an element to Hex C5D062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D062 }
```

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

```
.background{ background-color:#C5D062 }
```

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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