

Converting Colors

Hex(C5C553)

Have a look what the booklet for
Hex(C5C553) contains.

Hex(C5C553)	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(C5C553)

Conversions

Conversions Part 1

Format	Color
Hex	C5C553
RGB	197, 197, 83
RGB Percent	77%, 77%, 33%
CMY	0.2275, 0.2275, 0.6745
CMYK	0.00, 0.00, 0.58, 0.23
HSL	60°, 50%, 55%
HSV	60°, 58%, 77%
XYZ	44.5535, 52.4274, 15.9549
YIQ	184.0040, 36.5940, -35.4540

Conversions

Conversions Part 2

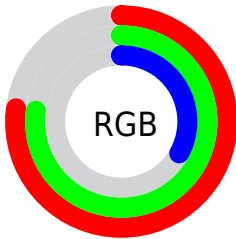
Format	Color
RYB	83, 197, 83
Decimal	12961107
CIELab	77.54, -14.77, 55.83
CIELCh	78, 57.748, 104.815
Yxy	52.4274, 0.3945, 0.4642
Android (android.graphics.Color)	4291151187 (0xFFC5C553)
YUV	184.0040, -49.7950, 11.3975
Hunter-Lab	72.4067, -16.8766, 37.6201

Details

The Hex color **C5C553** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5353C5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFFD88**, and **8C8F1B** is the 20% darker color. If you saturate the color by 10%, you get **C5C53F**, and if you desaturate by 10%, it is **C5C567**.

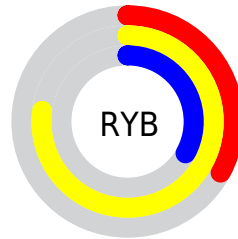
Distribution



Red (77%)

Green (77%)

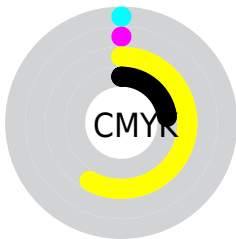
Blue (33%)



Red (33%)

Yellow (77%)

Blue (33%)

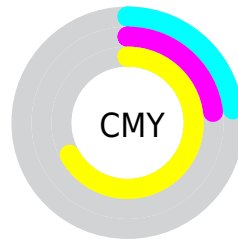


Cyan (0%)

Magenta (0%)

Yellow (58%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5C553 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 C5C553 by changing the saturation by 10% instead.

 C5C553

 C5C553


FFFFFF

 A8AA38

 FFFD88

 8C8F1B

 FFFFA4

 717600

 FFFFC0

 565D00

 FFFFDD

 3D4600

 FFFFFA

 233000

 041C00

 000000

 C5C553

 C5C553

 C5C53F

 C5C567

 C5C52C

 C5C57A

 C5C518

 C5C58E

 C5C504

 C5C5A2

 C5C500

 C5C5B6

 C5C5C9

 C5C5DD

 C5C5F1

 C5C5FF

Harmonies

Analogous

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



F6B356



C5C553



89D271

Triad

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



C5C553



00D7FF



FF95DD

Complementary

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



C5C553



5353C5

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.



E6A7FF



C5C553



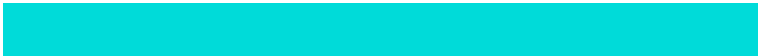
00CDFF

Square

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



C5C553



00DBD9



95BCFF



FF92A7

Rectangle

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



C5C553



53D790



95BCFF



FF9AEE

Sweetspot

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



C5C553



FFFFD4



C55353



808066



000000



808080

Same Dimension

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



C5C553



FFFF4F



8CC553



63635A



A3A300



242400

Inverse Universe

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



5353C5



4F4FFF



8C53C5



5A5A63



0000A3



000024

Previews

White Background



This preview shows how the Hex color C5C553 looks on a white background.

Color Contrast Check

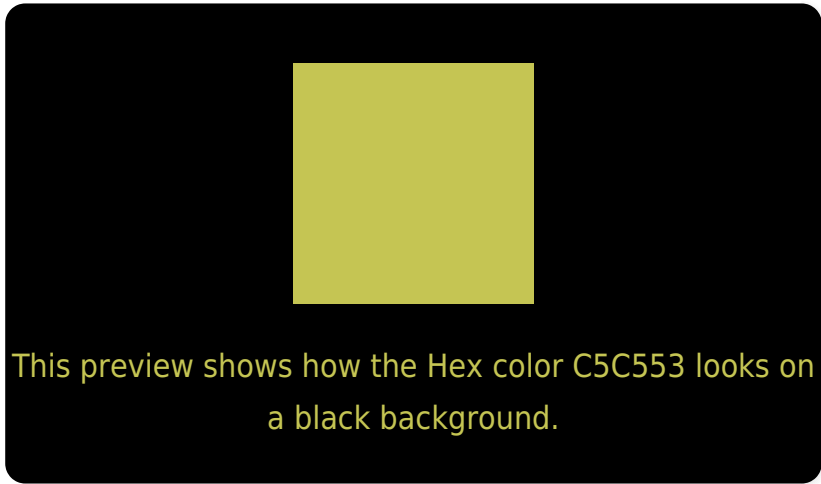
Large Text (above 18pt) WCAG AA × Fail

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 C5C553 Background



This preview shows how black text looks on a background with the Hex color C5C553.

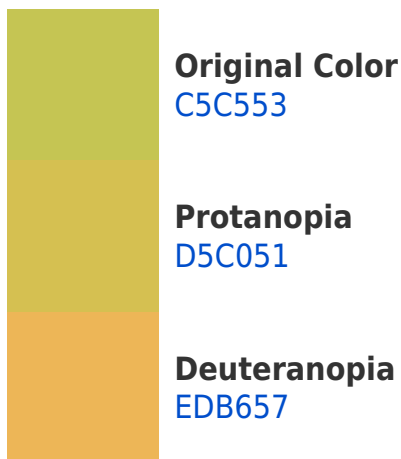


This preview shows how white text looks on a background with the Hex color C5C553.

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](#).

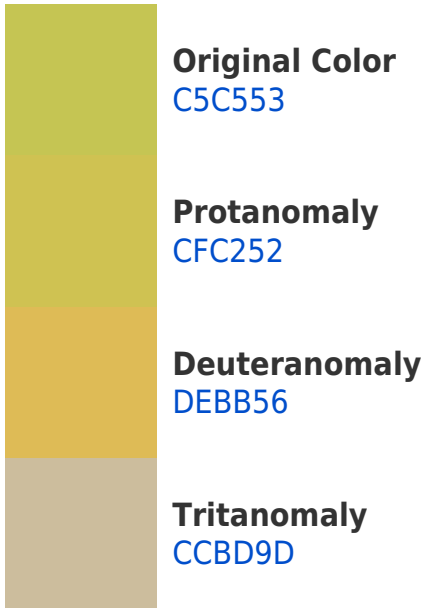
Dichromacy





Tritanopia
D0B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5C553 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 #C5C553 looks like.

```
.text, #text, p{  
    color:#C5C553  
}
```

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 #C5C553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5C553
}
```

Border

The CSS property to change the border of an element to Hex C5C553 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
#C5C553 }
```

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

```
.border{ border-color:#C5C553 }
```

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

Here you see how a box with a 4 pixel #C5C553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5C553; -webkit-box-shadow:4px 4px  
4px 4px #C5C553; box-shadow:4px 4px 4px  
4px #C5C553 }
```

Background

The CSS property to change the background color of an element to Hex C5C553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5C553 }
```

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

```
.background{ background-color:#C5C553 }
```

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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