

Converting Colors

Hex(CCB353)

Have a look what the booklet for
Hex(CCB353) contains.

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Color

Hex(CCB353)

Conversions

Conversions Part 1

Format	Color
Hex	CCB353
RGB	204, 179, 83
RGB Percent	80%, 70%, 33%
CMY	0.2000, 0.2980, 0.6745
CMYK	0.00, 0.12, 0.59, 0.20
HSL	48°, 54%, 56%
HSV	48°, 59%, 80%
XYZ	42.5833, 45.7021, 14.7606
YIQ	175.5310, 45.7160, -24.5560

Conversions

Conversions Part 2

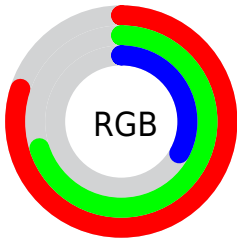
Format	Color
RYB	115, 204, 83
Decimal	13415251
CIELab	73.35, -2.54, 51.31
CIELCh	73, 51.377, 92.839
Yxy	45.7021, 0.4132, 0.4435
Android (android.graphics.Color)	4291605331 (0xFFCCB353)
YUV	175.5310, -45.6178, 24.9673
Hunter-Lab	67.6033, -5.8688, 34.3769

Details

The Hex color **CCB353** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **536CCC**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEB88**, and **937F1E** is the 20% darker color. If you saturate the color by 10%, you get **CCAF3F**, and if you desaturate by 10%, it is **CCB767**.

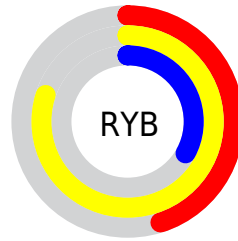
Distribution



Red (80%)

Green (70%)

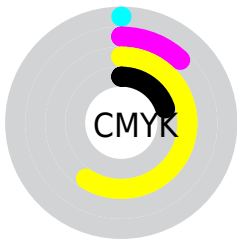
Blue (33%)



Red (45%)

Yellow (80%)

Blue (33%)

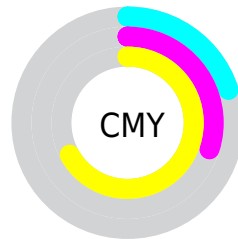


Cyan (0%)

Magenta (12%)

Yellow (59%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCB353 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 CCB353 by changing the saturation by 10% instead.

 CCB353

 CCB353

FFFFFF

 AF9839

 FFE888

 937F1E

 FFFFA3

 776600

 FFFFBE

 5D4E00

 FFFFDB

 423800

 FFFFF8

 292200

 0C0D00

 000000

 CCB353

 CCB353

■ CCAF3F

■ CCB767

■ CCAB2A

■ CCBB7C

■ CCA616

■ CCC090

■ CCA201

■ CCC4A5

■ CCA200

■ CCC8B9

■ CCCCCD

■ CCD1E2

■ CCD5F6

■ CCD9FF

Harmonies

Analogous

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



F2A261



CCB353



9BC062

Triad

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



CCB353



00CBE6



F295E0

Complementary

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



CCB353



536CCC

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.



BEA6FF



CCB353



00C4FF

Square

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



CCB353



00CCB7



6AB8FF



FF8DB1

Rectangle

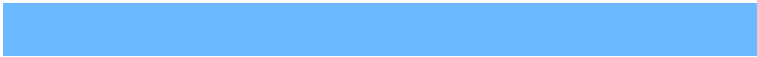
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCB353



74C679



6AB8FF



E49AEE

Sweetspot

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



CCB353



FFF6D1



CC536D



807A63



000000



808080

Same Dimension

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



CCB353



FFDA4A



AACC53



66645C



A68400



261E00

Inverse Universe

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



536CCC



4A6FFF



7553CC



5C5E66



0022A6



000826

Previews

White Background



This preview shows how the Hex color CCB353 looks on a white background.

Color Contrast Check

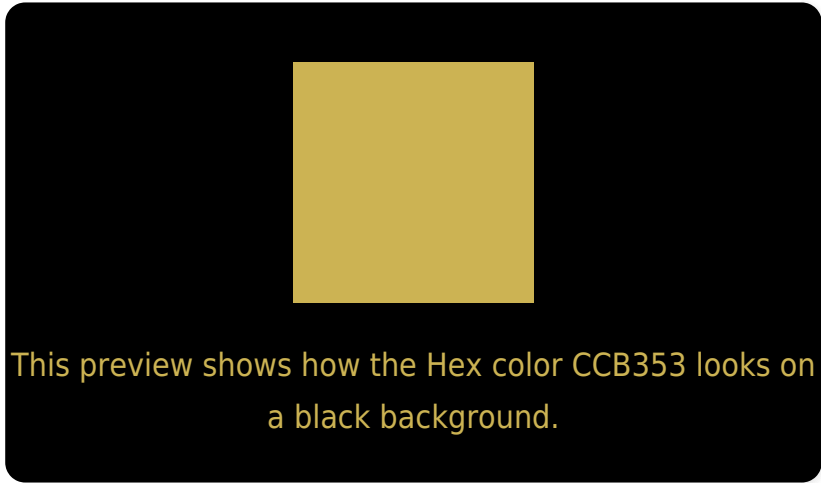
Large Text (above 18pt) WCAG AA × Fail

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 CCB353 Background



This preview shows how black text looks on a background with the Hex color CCB353.



This preview shows how white text looks on a background with the Hex color CCB353.

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](#).

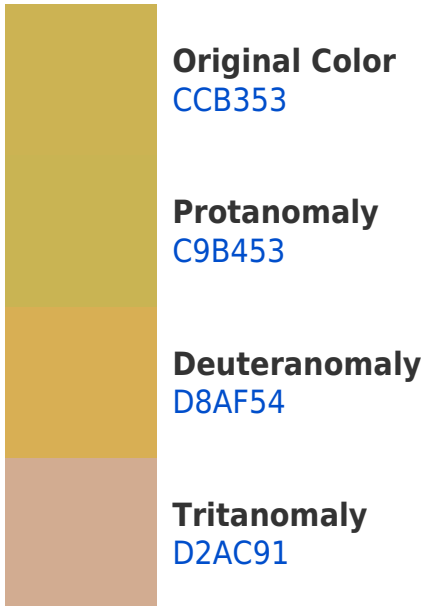
Dichromacy





Tritanopia
D5A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCB353 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 #CCB353 looks like.

```
.text, #text, p{  
    color:#CCB353  
}
```

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 #CCB353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB353
}
```

Border

The CSS property to change the border of an element to Hex CCB353 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
#CCB353 }
```

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

```
.border{ border-color:#CCB353 }
```

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

Here you see how a box with a 4 pixel #CCB353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB353; -webkit-box-shadow:4px 4px  
4px 4px #CCB353; box-shadow:4px 4px 4px  
4px #CCB353 }
```

Background

The CSS property to change the background color of an element to Hex CCB353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB353 }
```

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

```
.background{ background-color:#CCB353 }
```

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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