

# Converting Colors

Hex(CD8053)

Have a look what the booklet for  
Hex(CD8053) contains.

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**Color**

**Hex(CD8053)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD8053
RGB	205, 128, 83
RGB Percent	80%, 50%, 33%
CMY	0.1961, 0.4980, 0.6745
CMYK	0.00, 0.38, 0.60, 0.20
HSL	22°, 55%, 56%
HSV	22°, 60%, 80%
XYZ	34.4573, 29.0420, 11.9732
YIQ	145.8930, 60.3370, 2.3290

# Conversions

## Conversions Part 2

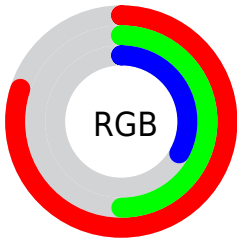
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 154, 83
Decimal	13467731
CIE Lab	60.82, 25.41, 36.63
CIE LCh	61, 44.576, 55.255
Yxy	29.0420, 0.4566, 0.3848
Android (android.graphics.Color)	4291657811 (0xFFCD8053)
YUV	145.8930, -31.0062, 51.8368
Hunter-Lab	53.8906, 19.8232, 24.5507

# Details

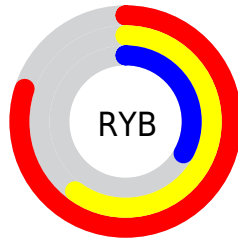
The Hex color **CD8053** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **53A0CD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB585**, and **934E24** is the 20% darker color. If you saturate the color by 10%, you get **CD733F**, and if you desaturate by 10%, it is **CD8D68**.

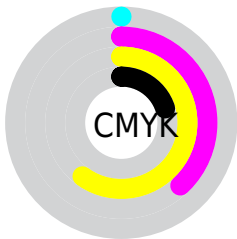
# Distribution



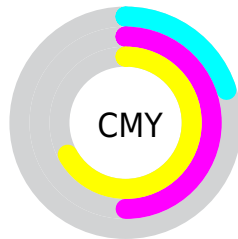
- Red (80%)
- Green (50%)
- Blue (33%)



- Red (80%)
- Yellow (60%)
- Blue (33%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (20%)



- Cyan (20%)
- Magenta (50%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD8053 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 CD8053 by changing the saturation by 10% instead.



 CD8053

 CD8053

FFFFFF

 B0673B

 FFB585

 934E24

 FFD1A0

 76360D

 FFEDBB

 5B1F00

 FFFFD7

 3F0800

 FFFFF4

 280001

 000000

 CD8053

 CD8053

 CD733F

 CD8D68

 CD662A

 CD9A7C

 CD5916

 CDA791

 CD4C01

 CDB4A5

 CD4C00

 CDC1BA

 CDCECE

 CDDBE3

 CDE8F7

 CDF4FF

# Harmonies

## Analogous

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



DC7473



CD8053



B08E42

# Triad

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



CD8053



00A68B



8C8BDA

# Complementary

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



CD8053



53A0CD

# 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.



3B99E1



CD8053



00A6B3

# Square

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



CD8053



59A264



00A2D3



BE7CC0

# Rectangle

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



CD8053



979744



00A2D3



7690DF

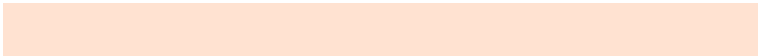


# Sweetspot

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



CD8053



FFE2D1



CD53A0



806E63



000000



808080



# Same Dimension

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



CD8053



FF8D4A



CDBD53



66605C



A63D00



260E00



# Inverse Universe

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



53A0CD



4ABCFF



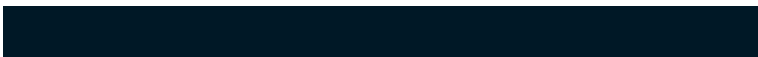
5363CD



5C6266



0069A6

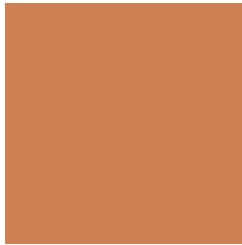


001826



# Previews

## White Background



This preview shows how the Hex color CD8053 looks on a white background.

## Color Contrast Check

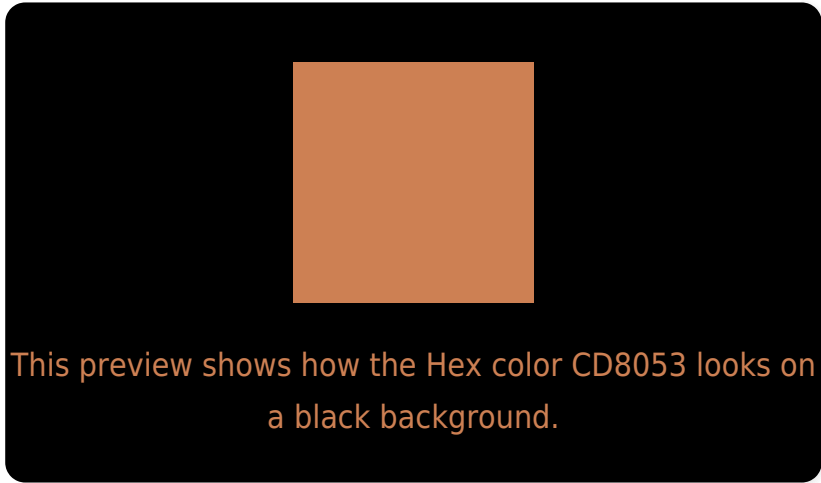
Large Text (above 18pt) WCAG AA ✓ Pass

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

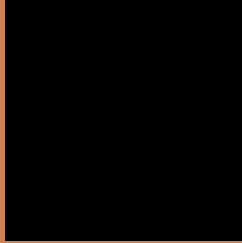
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CD8053 Background



This preview shows how black text looks on a background with the Hex color CD8053.

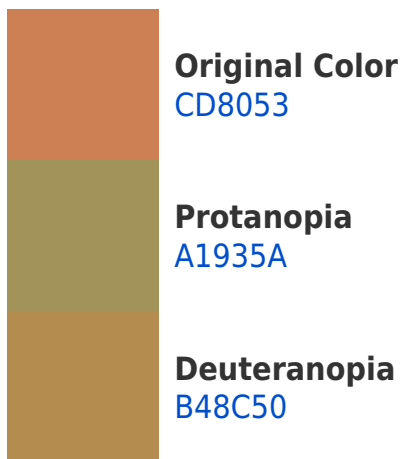



This preview shows how white text looks on a background with the Hex color CD8053.

# 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](#).

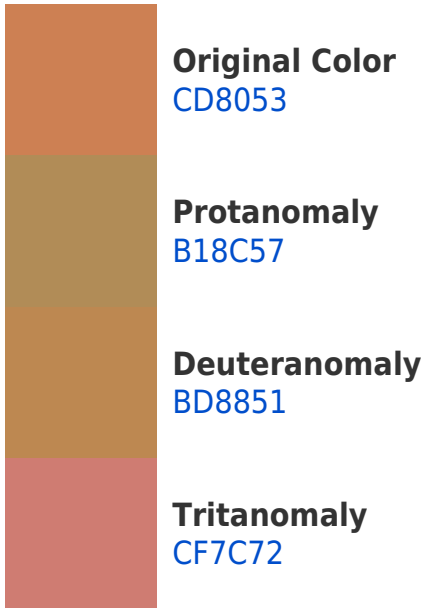
## Dichromacy





**Tritanopia**  
D07A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD8053 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 #CD8053 looks like.

```
.text, #text, p{  
    color:#CD8053  
}
```

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 #CD8053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8053
}
```

## Border

The CSS property to change the border of an element to Hex CD8053 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
#CD8053 }
```

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

```
.border{ border-color:#CD8053 }
```

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

Here you see how a box with a 4 pixel #CD8053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8053; -webkit-box-shadow:4px 4px  
4px 4px #CD8053; box-shadow:4px 4px 4px  
4px #CD8053 }
```

# Background

The CSS property to change the background color of an element to Hex CD8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8053 }
```

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

```
.background{ background-color:#CD8053 }
```

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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