

# Converting Colors

Hex(CC7D35)

Have a look what the booklet for  
Hex(CC7D35) contains.

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**Color**

**Hex(CC7D35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7D35
RGB	204, 125, 53
RGB Percent	80%, 49%, 21%
CMY	0.2000, 0.5098, 0.7922
CMYK	0.00, 0.39, 0.74, 0.20
HSL	29°, 60%, 50%
HSV	29°, 74%, 80%
XYZ	32.8781, 27.7616, 6.9938
YIQ	140.4130, 70.1960, -5.6440

# Conversions

## Conversions Part 2

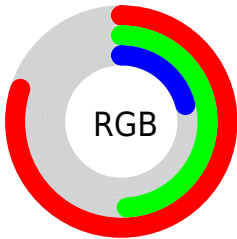
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 191, 53
Decimal	13401397
CIELab	59.67, 24.81, 50.37
CIELCh	60, 56.153, 63.777
Yxy	27.7616, 0.4861, 0.4105
Android (android.graphics.Color)	4291591477 (0xFFCC7D35)
YUV	140.4130, -43.0946, 55.7658
Hunter-Lab	52.6893, 19.1774, 29.0125

# Details

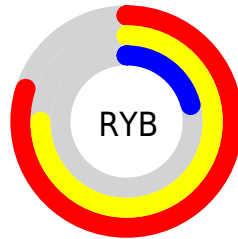
The Hex color **CC7D35** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3584CC**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB268**, and **914B00** is the 20% darker color. If you saturate the color by 10%, you get **CC7221**, and if you desaturate by 10%, it is **CC8849**.

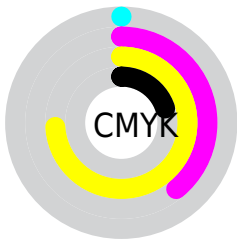
# Distribution



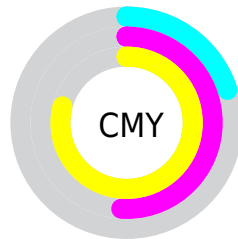
- Red (80%)
- Green (49%)
- Blue (21%)



- Red (80%)
- Yellow (75%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7D35 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 CC7D35 by changing the saturation by 10% instead.



 CC7D35

 CC7D35

FFFFFF

 AE641B

 FF268

 914B00

 FFCE82

 743400

 FFEA9D

 571D00

 FFFF88

 3C0700

 FFFFD4

 250001

 FFFFF1

 000000

 CC7D35

 CC7D35

 CC7221

 CC8849

 CC680C

 CC925E

 CC6100

 CC9D72

 CCA887

 CCB29B

 CCBD AF

 CCC8C4

 CCD2D8

 CCDD ED

# Harmonies

## Analogous

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



E56A5C



CC7D35



A48F23

# Triad

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



CC7D35



00A895



9A80E2

# Complementary

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



CC7D35



3584CC

# 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.



2493F2



CC7D35



00A6C5

# Square

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



CC7D35



1AA462



00A0E8



D16CBC

# Rectangle

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



CC7D35



83992D



00A0E8



7F87EA

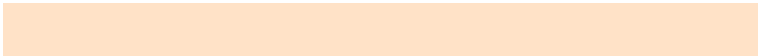


# Sweetspot

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



CC7D35



FFE2C7



CC3586



806E5E



000000



808080



# Same Dimension

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



CC7D35



FF881C



CCC735



66615C



A64F00



261200



# Inverse Universe

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



3584CC



1C93FF



353ACC



5C6166



0057A6



001426



# Previews

## White Background



This preview shows how the Hex color CC7D35 looks on a white background.

## Color Contrast Check

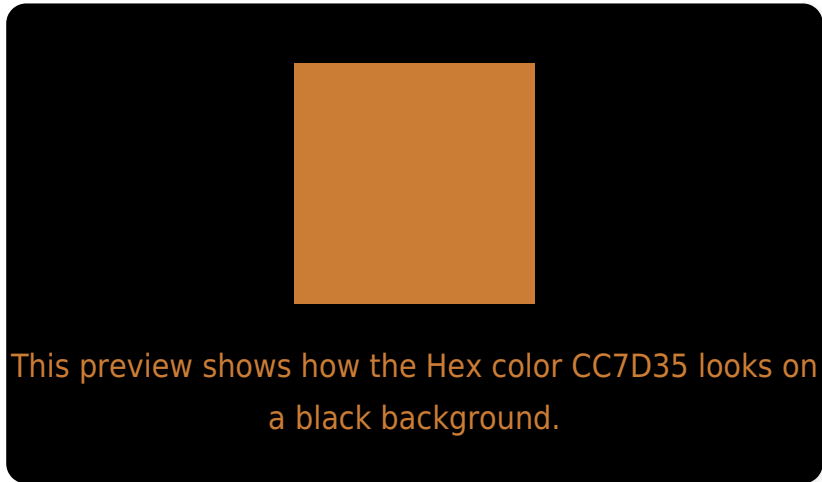
Large Text (above 18pt) WCAG AA ✓ Pass

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

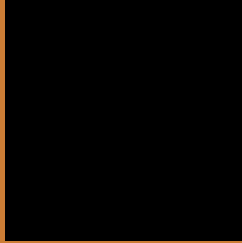
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC7D35 Background



This preview shows how black text looks on a background with the Hex color CC7D35.



This preview shows how white text looks on a background with the Hex color CC7D35.

# 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](#).

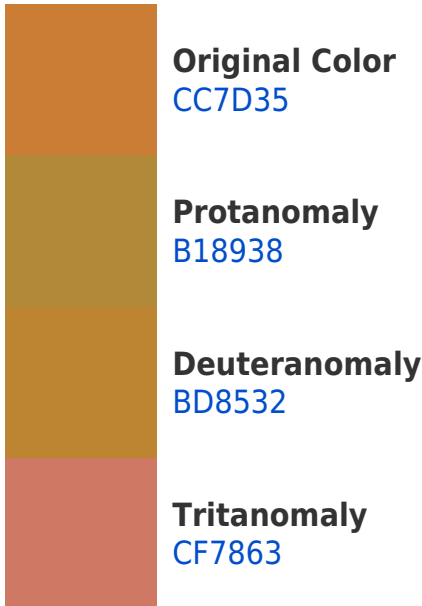
## Dichromacy





**Tritanopia**  
D0757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7D35 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 #CC7D35 looks like.

```
.text, #text, p{  
    color:#CC7D35  
}
```

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 #CC7D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7D35
}
```

## Border

The CSS property to change the border of an element to Hex CC7D35 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
#CC7D35 }
```

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

```
.border{ border-color:#CC7D35 }
```

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

Here you see how a box with a 4 pixel #CC7D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7D35; -webkit-box-shadow:4px 4px  
4px 4px #CC7D35; box-shadow:4px 4px 4px  
4px #CC7D35 }
```

# Background

The CSS property to change the background color of an element to Hex CC7D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7D35 }
```

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

```
.background{ background-color:#CC7D35 }
```

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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