

Converting Colors

Hex(CD5730)

Have a look what the booklet for
Hex(CD5730) contains.

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Color

Hex(CD5730)

Conversions

Conversions Part 1

Format	Color
Hex	CD5730
RGB	205, 87, 48
RGB Percent	80%, 34%, 19%
CMY	0.1961, 0.6588, 0.8118
CMYK	0.00, 0.58, 0.77, 0.20
HSL	15°, 62%, 50%
HSV	15°, 77%, 80%
XYZ	29.1185, 20.0089, 5.1237
YIQ	117.8360, 82.8470, 12.8870

Conversions

Conversions Part 2

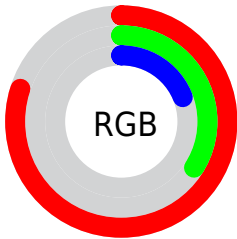
Format	Color
R _Y B	205, 100, 48
Decimal	13457200
CIE Lab	51.85, 44.62, 44.77
CIE LCh	52, 63.210, 45.098
Yxy	20.0089, 0.5367, 0.3688
Android (android.graphics.Color)	4291647280 (0xFFCD5730)
YUV	117.8360, -34.4291, 76.4428
Hunter-Lab	44.7313, 37.9174, 24.5206

Details

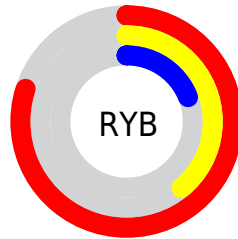
The Hex color **CD5730** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **30A6CD**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8C60**, and **902200** is the 20% darker color. If you saturate the color by 10%, you get **CD481B**, and if you desaturate by 10%, it is **CD6645**.

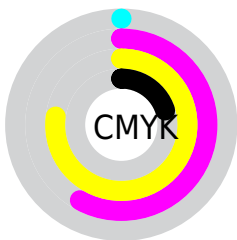
Distribution



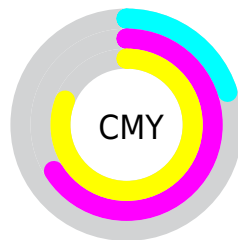
- Red (80%)
- Green (34%)
- Blue (19%)



- Red (80%)
- Yellow (39%)
- Blue (19%)



- Cyan (0%)
- Magenta (58%)
- Yellow (77%)
- Black (20%)



- Cyan (20%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD5730 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 CD5730 by changing the saturation by 10% instead.

 CD5730

 CD5730

FFFFFF

 AE3D18

 FF8C60

 902200

 FFA87A

 720000

 FFC494

 540000

 FFE0AF

 390001

 FFFDCB

 150000

 FFFF7E

 000000

 CD5730

 CD5730

 CD481B

 CD6645

■ CD3807

■ CD7659

■ CD3300

■ CD856E

■ CD9582

■ CDA497

■ CDB3AB

■ CDC3C0

■ CDD2D4

■ CDE2E9

Harmonies

Analogous

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



DB4363



CD5730



AB6F00

Triad

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



CD5730



00935E



3579E5

Complementary

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



CD5730



30A6CD

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.



0089E5



CD5730



009496

Square

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



CD5730



398D27



0092C8



A060C9

Rectangle

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



CD5730



8C7C00



0092C8



007FE8

Sweetspot

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



CD5730



FFD3C4



CD30A8



80655C



000000



808080

Same Dimension

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



CD5730



FF4F14



CDA330



665E5C



A62900



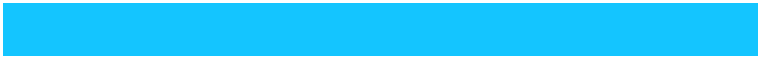
260A00

Inverse Universe

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



30A6CD



14C5FF



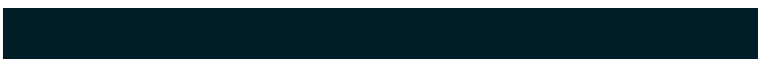
305ACD



5C6366



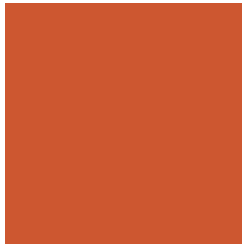
007DA6



001D26

Previews

White Background



This preview shows how the Hex color CD5730 looks on a white background.

Color Contrast Check

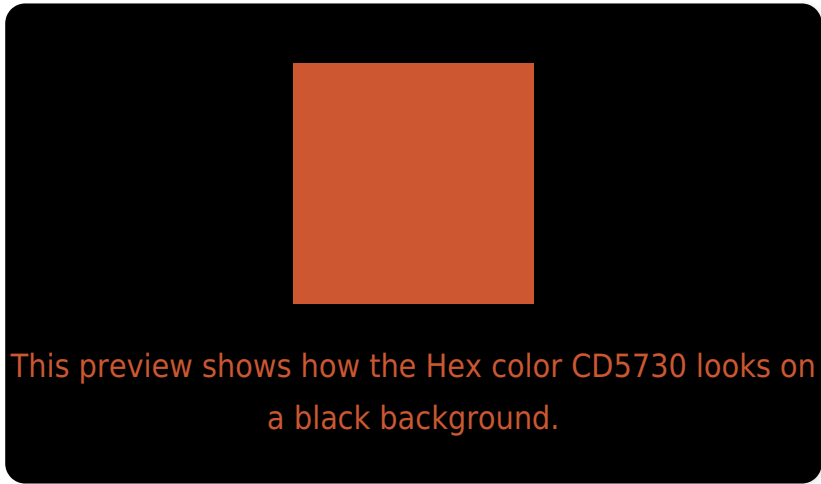
Large Text (above 18pt) WCAG AA ✓ Pass

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

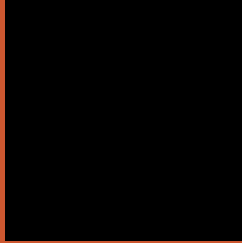
Any Text WCAG AA ✓ Pass

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 CD5730 Background



This preview shows how black text looks on a background with the Hex color CD5730.



This preview shows how white text looks on a background with the Hex color CD5730.

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



Original Color
CD5730

Protanopia
8A7C3B

Deuteranopia
9B7628

Trichromacy



Original Color
CD5730

Protanomaly
A26F37

Deuteranomaly
AD6B2B

Tritanomaly
CE5449

Monochromacy



Original Color
CD5730

Achromatopsia
767676

Achromatomaly
966B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex CD5730 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 #CD5730 looks like.

```
.text, #text, p{  
    color:#CD5730  
}
```

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 #CD5730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD5730
}
```

Border

The CSS property to change the border of an element to Hex CD5730 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
#CD5730 }
```

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

```
.border{ border-color:#CD5730 }
```

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

Here you see how a box with a 4 pixel #CD5730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD5730; -webkit-box-shadow:4px 4px  
4px 4px #CD5730; box-shadow:4px 4px 4px  
4px #CD5730 }
```

Background

The CSS property to change the background color of an element to Hex CD5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD5730 }
```

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

```
.background{ background-color:#CD5730 }
```

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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