

# Converting Colors

Hex(CC5740)

Have a look what the booklet for  
Hex(CC5740) contains.

<b>Hex(CC5740)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(CC5740)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC5740
RGB	204, 87, 64
RGB Percent	80%, 34%, 25%
CMY	0.2000, 0.6588, 0.7490
CMYK	0.00, 0.57, 0.69, 0.20
HSL	10°, 58%, 53%
HSV	10°, 69%, 80%
XYZ	29.2354, 20.0239, 7.1746
YIQ	119.3610, 77.1150, 17.6510

# Conversions

## Conversions Part 2

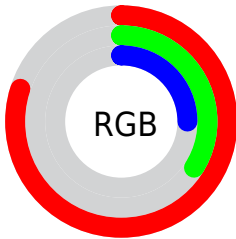
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 92, 64</a>
Decimal	<a href="#">13391680</a>
CIELab	<a href="#">51.86, 45.00, 36.23</a>
CIElCh	<a href="#">52, 57.768, 38.837</a>
Yxy	<a href="#">20.0239, 0.5180, 0.3548</a>
Android (android.graphics.Color)	<a href="#">4291581760 (0xFFCC5740)</a>
YUV	<a href="#">119.3610, -27.2930, 74.2284</a>
Hunter-Lab	<a href="#">44.7481, 38.3109, 21.8175</a>

# Details

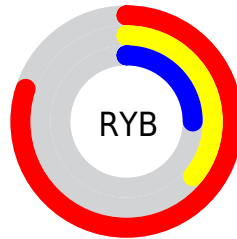
The Hex color **CC5740** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **40B5CC**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8C71**, and **8F2113** is the 20% darker color. If you saturate the color by 10%, you get **CC462C**, and if you desaturate by 10%, it is **CC6854**.

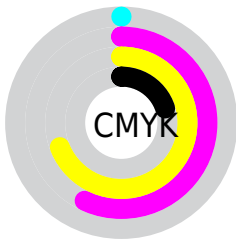
# Distribution



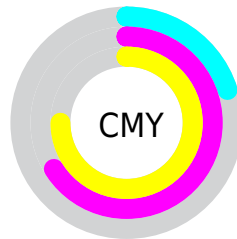
- Red (80%)
- Green (34%)
- Blue (25%)



- Red (80%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (69%)
- Black (20%)



- Cyan (20%)
- Magenta (66%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC5740 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 CC5740 by changing the saturation by 10% instead.



 CC5740

 CC5740

FFFFFF

 AE3D29

 FF8C71

 8F2113

 FFA88A

 720000

 FFC4A5

 540000

 FFE0C0

 390001

 FFFEDC

 160000

 FFFFF9

 000000

 CC5740

 CC5740

 CC462C

 CC6854

 CC3517

 CC7969

 CC2403

 CC8A7D

 CC2200

 CC9B92

 CCACA6

 CCBDDBA

 CCCECF

 CCDFE3

 CCF0F8

# Harmonies

## Analogous

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



D44A6F



CC5740



B06C17

# Triad

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



CC5740



009056



177DDE

# Complementary

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



CC5740



40B5CC

# 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.



008AD8



CC5740



009389

# Square

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



CC5740



518A27



0091B9



9068C9

# Rectangle

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



CC5740



957900



0091B9



0082DF



# Sweetspot

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



CC5740



FFD2C9



CC40B7



806560



000000



808080



# Same Dimension

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



CC5740



FF502E



CC9B40



665D5C



A61B00



260600

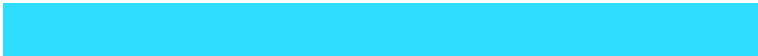


# Inverse Universe

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



40B5CC



2EDDFF



4071CC



5C6466



008BA6

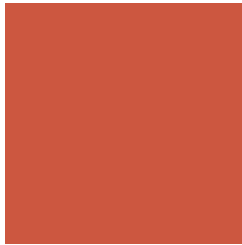


002026



# Previews

## White Background



This preview shows how the Hex color CC5740 looks on a white background.

## Color Contrast Check

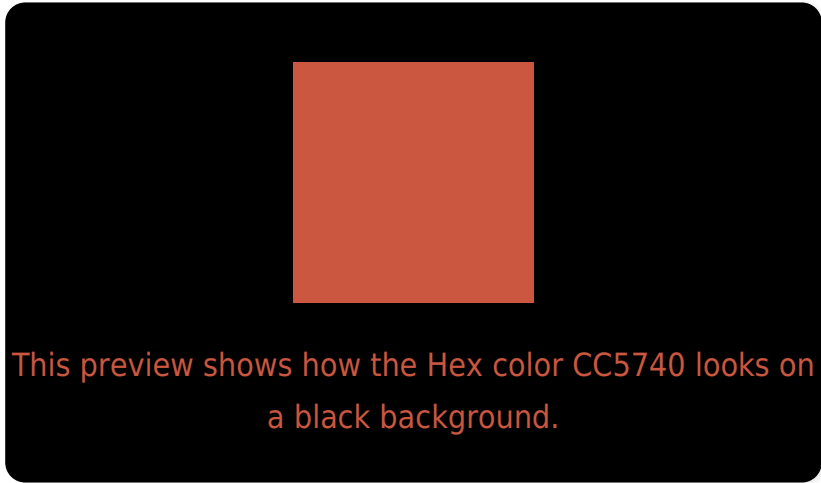
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC5740 Background



This preview shows how black text looks on a background with the Hex color CC5740.

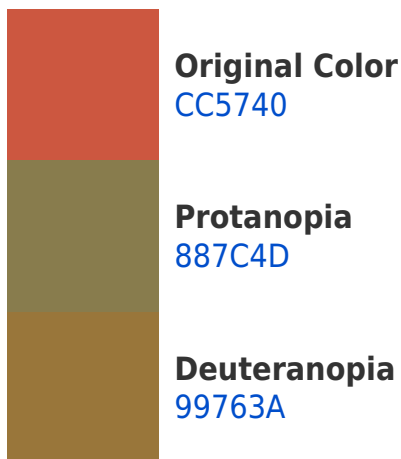


This preview shows how white text looks on a background with the Hex color CC5740.

# Color Blindness Simulation

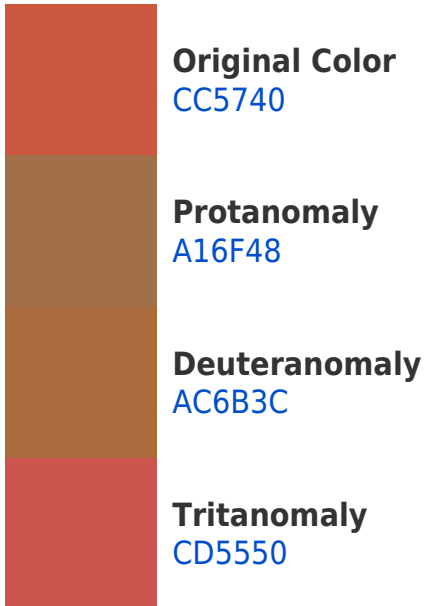
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC5740 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 #CC5740 looks like.

```
.text, #text, p{  
    color:#CC5740  
}
```

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 #CC5740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC5740
}
```

## Border

The CSS property to change the border of an element to Hex CC5740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

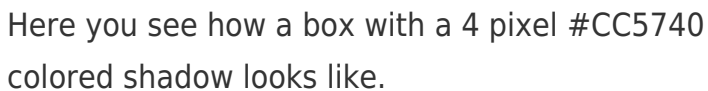
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC5740 }
```

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

```
.border{ border-color:#CC5740 }
```

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



Here you see how a box with a 4 pixel #CC5740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC5740; -webkit-box-shadow:4px 4px  
4px 4px #CC5740; box-shadow:4px 4px 4px  
4px #CC5740 }
```

# Background

The CSS property to change the background color of an element to Hex CC5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC5740 }
```

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

```
.background{ background-color:#CC5740 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor