

# Converting Colors

Hex(C6562D)

Have a look what the booklet for  
Hex(C6562D) contains.

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# Color

**Hex(C6562D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6562D
RGB	198, 86, 45
RGB Percent	78%, 34%, 18%
CMY	0.2235, 0.6627, 0.8235
CMYK	0.00, 0.57, 0.77, 0.22
HSL	16°, 63%, 48%
HSV	16°, 77%, 78%
XYZ	27.0901, 18.8508, 4.6934
YIQ	114.8140, 79.9130, 10.9930

# Conversions

## Conversions Part 2

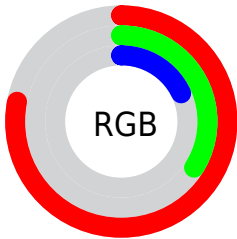
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 101, 45
Decimal	12998189
CIE Lab	50.51, 42.36, 44.55
CIE LCh	51, 61.474, 46.445
Yxy	18.8508, 0.5350, 0.3723
Android (android.graphics.Color)	4291188269 (0xFFC6562D)
YUV	114.8140, -34.4183, 72.9541
Hunter-Lab	43.4175, 35.3936, 23.9831

# Details

The Hex color **C6562D** 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 **2D9DC6**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8B5D**, and **892200** is the 20% darker color. If you saturate the color by 10%, you get **C64819**, and if you desaturate by 10%, it is **C66441**.

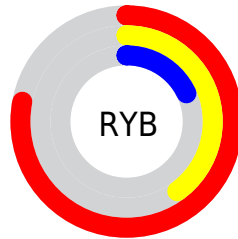
# Distribution



Red (78%)

Green (34%)

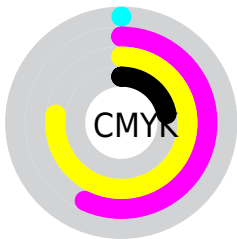
Blue (18%)



Red (78%)

Yellow (40%)

Blue (18%)

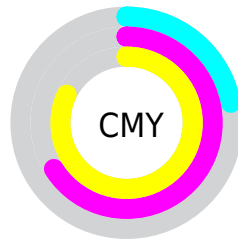


Cyan (0%)

Magenta (57%)

Yellow (77%)

Black (22%)



Cyan (22%)

Magenta (66%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6562D 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 C6562D by changing the saturation by 10% instead.



 C6562D

 C6562D

FFFFFF

 A73C15

 FF8B5D

 892200

 FFA677

 6B0000

 FFC291

 4E0000

 FFDEAC

 350002

 FFFBC7

 040000

 FFFFFE4

 000000

 C6562D

 C6562D

 C64819

 C66441

 C63905

 C67355

 C63500

 C68168

 C6907C

 C69E90

 C6ADA4

 C6BBB8

 C6CACB

 C6D8DF

# Harmonies

## Analogous

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



D5425E



C6562D



A46D00

# Triad

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



C6562D



008F5E



3E74DD

# Complementary

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



C6562D



2D9DC6

# 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.



0085DE



C6562D



009094

# Square

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



C6562D



348929



008EC3



9E5CC1

# Rectangle

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



C6562D



867A00



008EC3



007BE1



# Sweetspot

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



C6562D



FFD4C4



C62D9D



80655C



000000



808080



# Same Dimension

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



C6562D



FF5112



C6A22D



635C5A



A32C00



240A00



# Inverse Universe

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



2D9DC6



12BFFF



2D51C6



5A6163



0077A3

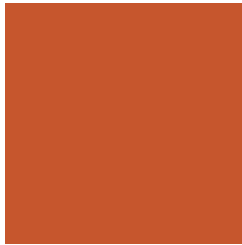


001A24



# Previews

## White Background



This preview shows how the Hex color C6562D 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 C6562D Background



This preview shows how black text looks on a background with the Hex color C6562D.



This preview shows how white text looks on a background with the Hex color C6562D.

# 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**  
C6562D

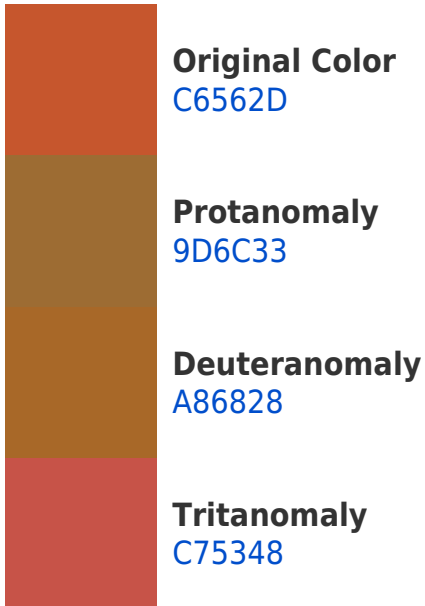
**Protanopia**  
867937

**Deuteranopia**  
977325



**Tritanopia**  
C85157

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6562D 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 #C6562D looks like.

```
.text, #text, p{  
    color:#C6562D  
}
```

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 #C6562D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6562D
}
```

## Border

The CSS property to change the border of an element to Hex C6562D 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
#C6562D }
```

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

```
.border{ border-color:#C6562D }
```

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

Here you see how a box with a 4 pixel #C6562D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6562D; -webkit-box-shadow:4px 4px  
4px 4px #C6562D; box-shadow:4px 4px 4px  
4px #C6562D }
```

# Background

The CSS property to change the background color of an element to Hex C6562D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6562D }
```

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

```
.background{ background-color:#C6562D }
```

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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