

# Converting Colors

Hex(D6530D)

Have a look what the booklet for  
Hex(D6530D) contains.

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**Color**

**Hex(D6530D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6530D
RGB	214, 83, 13
RGB Percent	84%, 33%, 5%
CMY	0.1608, 0.6745, 0.9490
CMYK	0.00, 0.61, 0.94, 0.16
HSL	21°, 89%, 45%
HSV	21°, 94%, 84%
XYZ	30.8975, 20.5117, 2.7115
YIQ	114.1890, 100.5460, 6.0020

# Conversions

## Conversions Part 2

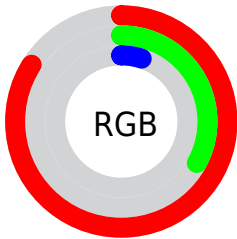
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 120, 13
Decimal	14045965
CIE Lab	52.41, 48.92, 59.55
CIE LCh	52, 77.063, 50.595
Yxy	20.5117, 0.5709, 0.3790
Android (android.graphics.Color)	4292236045 (0xFFD6530D)
YUV	114.1890, -49.8862, 87.5342
Hunter-Lab	45.2899, 42.5183, 28.1533

# Details

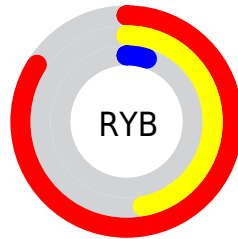
The Hex color **D6530D** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0D90D6**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8944**, and **971A00** is the 20% darker color. If you saturate the color by 10%, you get **D64B00**, and if you desaturate by 10%, it is **D66122**.

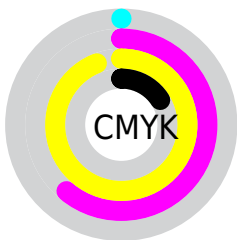
# Distribution



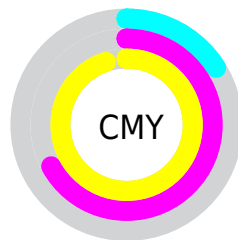
- Red (84%)
- Green (33%)
- Blue (5%)



- Red (84%)
- Yellow (47%)
- Blue (5%)



- Cyan (0%)
- Magenta (61%)
- Yellow (94%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6530D 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 D6530D by changing the saturation by 10% instead.



 D6530D

 D6530D

FFFFFF

 B63800

 FF8944

 971A00

 FFA45E

 780000

 FFC078

 5A0000

 FFDD93

 3E0001

 FFFAAE

 1E0001

 FFFFCA

 000000

 FFFF7E

 D6530D

 D6530D

 D64B00

 D66122

 D66F38

 D67D4D

 D68B63

 D69978

 D6A78D

 D6B5A3

 D6C3B8

 D6D1CE

# Harmonies

## Analogous

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



EE2C53



D6530D



A97300

# Triad

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



D6530D



009865



3975FB

# Complementary

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



D6530D



0D90D6

# 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.



008CFF



D6530D



0099AA

# Square

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



D6530D



00931B



0096E3



B651D2

# Rectangle

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



D6530D



828200



0096E3



007EFF



# Sweetspot

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



D6530D



FFD0B8



D60D93



806354



000000



808080



# Same Dimension

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



D6530D



FF5900



D6B50D



6B6460



AB3C00



2B0F00

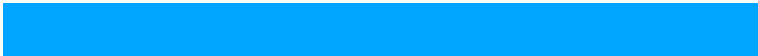


# Inverse Universe

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



0D90D6



00A6FF



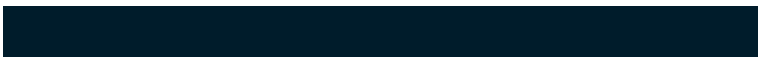
0D2FD6



60676B



006FAB



001C2B



# Previews

## White Background



This preview shows how the Hex color D6530D looks on a white background.

## Color Contrast Check

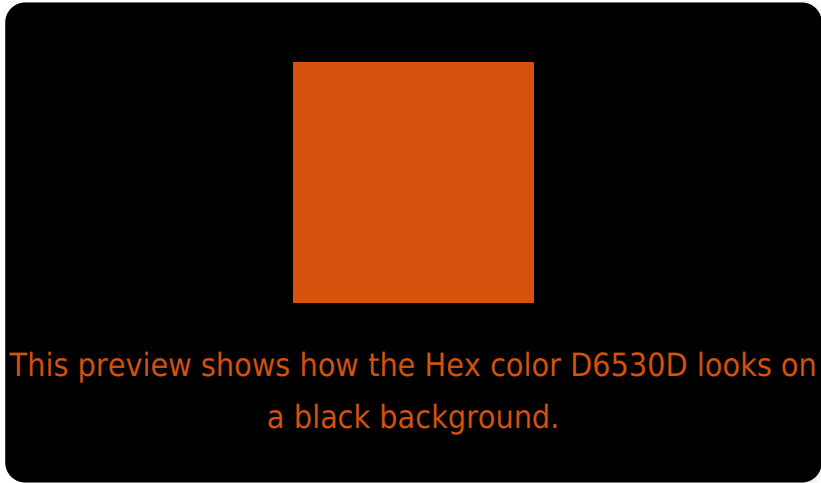
Large Text (above 18pt) WCAG AA ✓ Pass

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 D6530D Background



This preview shows how black text looks on a background with the Hex color D6530D.

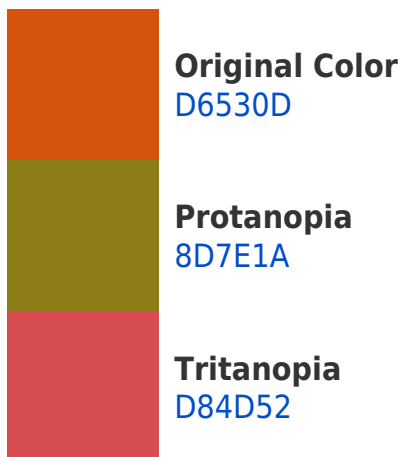


This preview shows how white text looks on a background with the Hex color D6530D.

# 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



**Original Color**  
D6530D

**Protanomaly**  
A86E15

**Tritanomaly**  
D74F39

# Monochromacy



**Original Color**  
D6530D

**Achromatopsia**  
727272

**Achromatomaly**  
96674D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6530D 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 #D6530D looks like.

```
.text, #text, p{  
    color:#D6530D  
}
```

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 #D6530D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6530D
}
```

## Border

The CSS property to change the border of an element to Hex D6530D 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
#D6530D }
```

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

```
.border{ border-color:#D6530D }
```

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

Here you see how a box with a 4 pixel #D6530D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6530D; -webkit-box-shadow:4px 4px  
4px 4px #D6530D; box-shadow:4px 4px 4px  
4px #D6530D }
```

# Background

The CSS property to change the background color of an element to Hex D6530D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6530D }
```

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

```
.background{ background-color:#D6530D }
```

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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