

# Converting Colors

Hex(D65500)

Have a look what the booklet for  
Hex(D65500) contains.

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**Color**

**Hex(D65500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D65500
RGB	214, 85, 0
RGB Percent	84%, 33%, 0%
CMY	0.1608, 0.6667, 1.0000
CMYK	0.00, 0.60, 1.00, 0.16
HSL	24°, 100%, 42%
HSV	24°, 100%, 84%
XYZ	30.9801, 20.7931, 2.3806
YIQ	113.8810, 104.1690, 0.9130

# Conversions

## Conversions Part 2

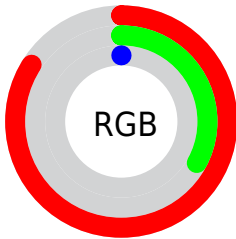
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 141, 0
Decimal	14046464
CIE <sub>Lab</sub>	52.72, 47.88, 62.56
CIE <sub>LCh</sub>	53, 78.783, 52.571
Yxy	20.7931, 0.5721, 0.3840
Android (android.graphics.Color)	4292236544 (0xFFD65500)
YUV	113.8810, -56.1433, 87.8044
Hunter-Lab	45.5995, 41.4728, 28.8242

# Details

The Hex color **D65500** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0081D6**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8B3E**, and **971D00** is the 20% darker color. If you saturate the color by 10%, you get **D65500**, and if you desaturate by 10%, it is **D66215**.

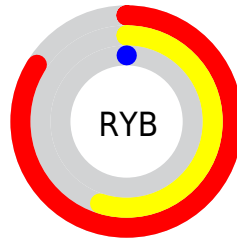
# Distribution



Red (84%)

Green (33%)

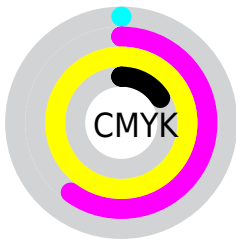
Blue (0%)



Red (84%)

Yellow (55%)

Blue (0%)

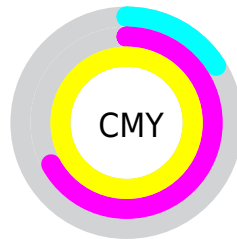


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D65500 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 D65500 by changing the saturation by 10% instead.



 D65500

 D65500

FFFFFF

 B63A00

 FF8B3E

 971D00

 FFA658

 780000

 FFC273

 5A0000

 FFDF8E

 3E0001

 FFCA9

 1E0001

 FFFC5

 000000

 FFFFE1

 D65500

 D66215

 D66F2B

 D67C40

 D68956

 D6966B

 D6A280

 D6AF96

 D6BCAB

 D6C9C1

# Harmonies

## Analogous

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



F02B4F



D65500



A77500

# Triad

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



D65500



00996A



4774FD

# Complementary

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



D65500



0081D6

# 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



D65500



009BB0

# Square

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



D65500



00941F



0097E9



BC4ED1

# Rectangle

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



D65500



7F8400



0097E9



007DFF



# Sweetspot

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



D65500



FFD1B3



D60084



806452



000000



808080



# Same Dimension

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



D65500



FF6500



D6BD00



6B6560



AB4400



2B1100

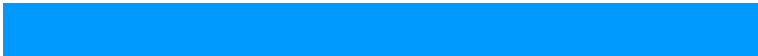


# Inverse Universe

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



0081D6



009AFF



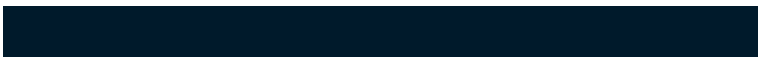
0019D6



60676B



0067AB



001A2B



# Previews

## White Background



This preview shows how the Hex color D65500 looks on a white background.

## Color Contrast Check

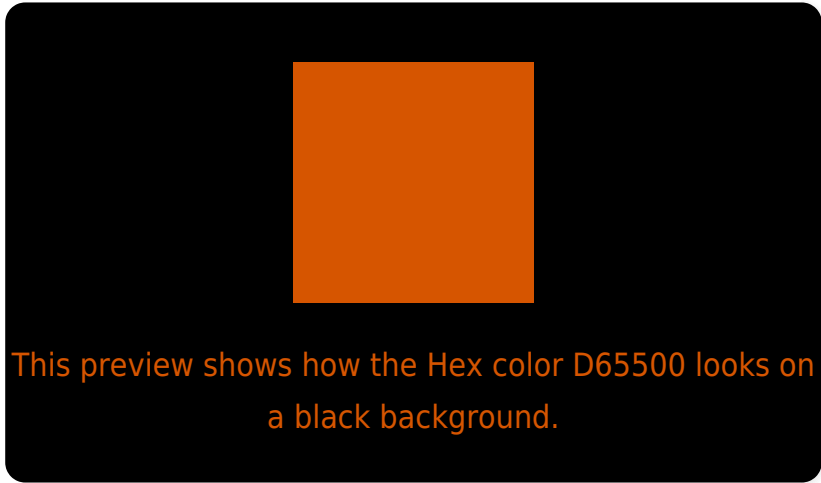
Large Text (above 18pt) WCAG AA ✓ Pass

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 D65500 Background



This preview shows how black text looks on a background with the Hex color D65500.



This preview shows how white text looks on a background with the Hex color D65500.

# 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**  
D65500

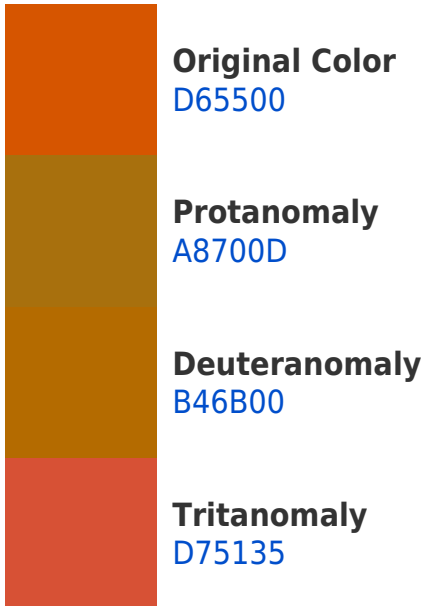
**Protanopia**  
8E7F15

**Deuteranopia**  
A07800

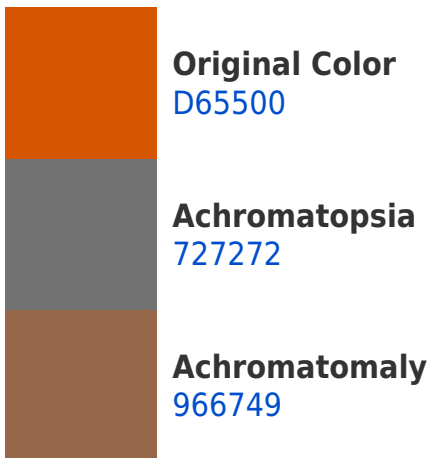


**Tritanopia**  
D84F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D65500 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 #D65500 looks like.

```
.text, #text, p{  
    color:#D65500  
}
```

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 #D65500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D65500
}
```

## Border

The CSS property to change the border of an element to Hex D65500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

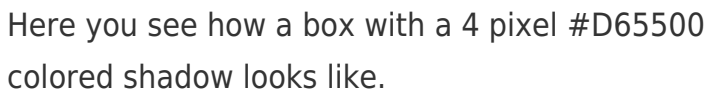
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D65500 }
```

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

```
.border{ border-color:#D65500 }
```

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



Here you see how a box with a 4 pixel #D65500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D65500; -webkit-box-shadow:4px 4px  
4px 4px #D65500; box-shadow:4px 4px 4px  
4px #D65500 }
```

# Background

The CSS property to change the background color of an element to Hex D65500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D65500 }
```

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

```
.background{ background-color:#D65500 }
```

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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