

Converting Colors

Hex(D45500)

Have a look what the booklet for
Hex(D45500) contains.

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Color

Hex(D45500)

Conversions

Conversions Part 1

Format	Color
Hex	D45500
RGB	212, 85, 0
RGB Percent	83%, 33%, 0%
CMY	0.1686, 0.6667, 1.0000
CMYK	0.00, 0.60, 1.00, 0.17
HSL	24°, 100%, 42%
HSV	24°, 100%, 83%
XYZ	30.3999, 20.4940, 2.3535
YIQ	113.2830, 102.9770, 0.4890

Conversions

Conversions Part 2

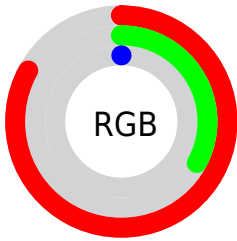
Format	Color
R _Y B	212, 142, 0
Decimal	13915392
CIE Lab	52.39, 47.15, 62.20
CIE LCh	52, 78.053, 52.839
Yxy	20.4940, 0.5709, 0.3849
Android (android.graphics.Color)	4292105472 (0xFFD45500)
YUV	113.2830, -55.8485, 86.5748
Hunter-Lab	45.2704, 40.6429, 28.6069

Details

The Hex color **D45500** 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 **007FD4**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8A3E**, and **951E00** is the 20% darker color. If you saturate the color by 10%, you get **D45500**, and if you desaturate by 10%, it is **D46215**.

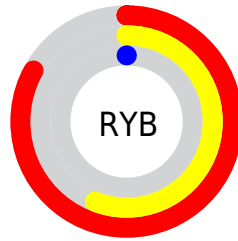
Distribution



Red (83%)

Green (33%)

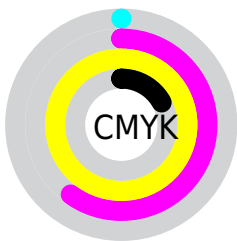
Blue (0%)



Red (83%)

Yellow (56%)

Blue (0%)

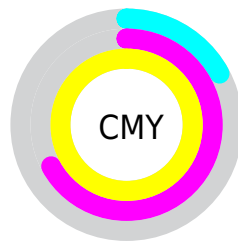


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D45500 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 D45500 by changing the saturation by 10% instead.

 D45500

 D45500

FFFFFFE

 B43A00

 FF8A3E

 951E00

 FFA658

 760000

 FFC273

 580000

 FFDE8D

 3C0001

 FFFCA9

 1C0001

 FFFFC5

 000000

 FFFFE1

 D45500

 D46215

 D46E2A

 D47B40

 D48855

 D4956A

 D4A17F

 D4AE94

 D4BBAA

 D4C7BF

Harmonies

Analogous

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



EE2C4E



D45500



A57500

Triad

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



D45500



00986A



4973FA

Complementary

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



D45500



007FD4

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.



008AFF



D45500



009AAF

Square

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



D45500



009320



0096E8



BC4DCF

Rectangle

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



D45500



7D8300



0096E8



007CFF

Sweetspot

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



D45500



FFD1B3



D4007F



806452



000000



808080

Same Dimension

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



D45500



FF6600



D4BF00



6B6560



AB4500



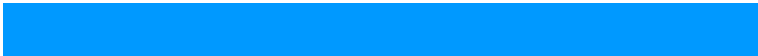
2B1100

Inverse Universe

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



007FD4



0099FF



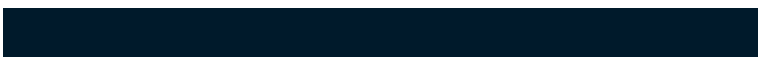
0015D4



60676B



0066AB



001A2B

Previews

White Background



This preview shows how the Hex color D45500 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 D45500 Background



This preview shows how black text looks on a background with the Hex color D45500.



This preview shows how white text looks on a background with the Hex color D45500.

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
D45500

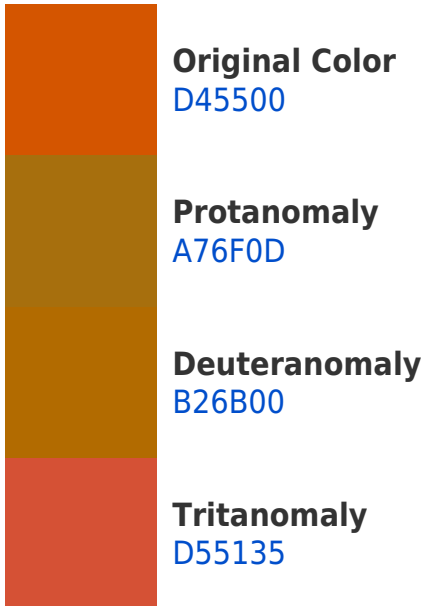
Protanopia
8E7E15

Deuteranopia
9F7700

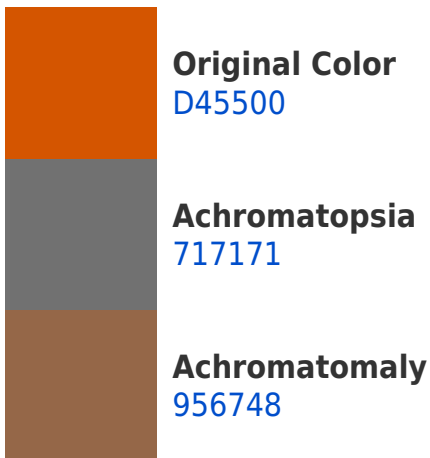


Tritanopia
D64F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D45500 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 #D45500 looks like.

```
.text, #text, p{  
    color:#D45500  
}
```

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 #D45500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D45500
}
```

Border

The CSS property to change the border of an element to Hex D45500 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
#D45500 }
```

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

```
.border{ border-color:#D45500 }
```

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

Here you see how a box with a 4 pixel #D45500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D45500; -webkit-box-shadow:4px 4px  
4px 4px #D45500; box-shadow:4px 4px 4px  
4px #D45500 }
```

Background

The CSS property to change the background color of an element to Hex D45500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D45500 }
```

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

```
.background{ background-color:#D45500 }
```

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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