

Converting Colors

Hex(D65400)

Have a look what the booklet for
Hex(D65400) contains.

Hex(D65400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D65400)

Conversions

Conversions Part 1

Format	Color
Hex	D65400
RGB	214, 84, 0
RGB Percent	84%, 33%, 0%
CMY	0.1608, 0.6706, 1.0000
CMYK	0.00, 0.61, 1.00, 0.16
HSL	24°, 100%, 42%
HSV	24°, 100%, 84%
XYZ	30.9019, 20.6368, 2.3546
YIQ	113.2940, 104.4440, 1.4360

Conversions

Conversions Part 2

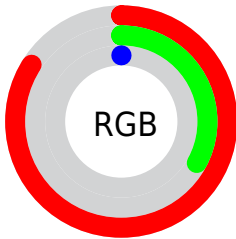
Format	Color
RYB	214, 138, 0
Decimal	14046208
CIELab	52.55, 48.34, 62.47
CIElCh	53, 78.986, 52.268
Yxy	20.6368, 0.5734, 0.3829
Android (android.graphics.Color)	4292236288 (0xFFD65400)
YUV	113.2940, -55.8539, 88.3192
Hunter-Lab	45.4277, 41.9248, 28.7263

Details

The Hex color **D65400** 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 **0082D6**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8A3E**, and **971C00** is the 20% darker color. If you saturate the color by 10%, you get **D65400**, and if you desaturate by 10%, it is **D66115**.

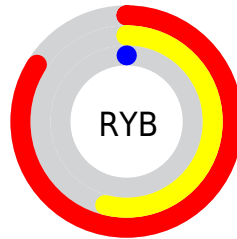
Distribution



Red (84%)

Green (33%)

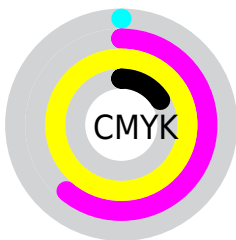
Blue (0%)



Red (84%)

Yellow (54%)

Blue (0%)

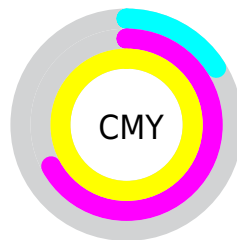


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D65400 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 D65400 by changing the saturation by 10% instead.

 D65400

 D65400

FFFFFFE

 B63900

 FF8A3E

 971C00

 FFA558

 780000

 FFC173

 5A0000

 FFDE8D

 3E0001

 FFFBA9

 1E0001

 FFFFC5

 000000

 FFFFE1

 D65400

 D66115

 D66E2B

 D67B40

 D68856

 D6956B

 D6A280

 D6AF96

 D6BCAB

 D6C9C1

Harmonies

Analogous

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



F0294F



D65400



A77400

Triad

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



D65400



009969



4373FD

Complementary

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



D65400



0082D6

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.



008BFF



D65400



009AAF

Square

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



D65400



00941D



0097E9



BB4ED2

Rectangle

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



D65400



7F8300



0097E9



007DFF

Sweetspot

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



D65400



FFD1B3



D60084



806452



000000



808080

Same Dimension

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



D65400



FF6400



D6BD00



6B6560



AB4300



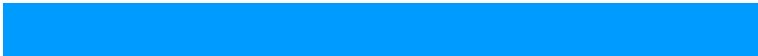
2B1100

Inverse Universe

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



0082D6



009BFF



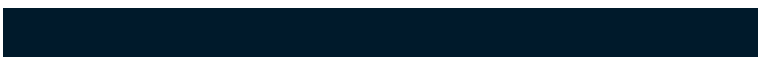
0019D6



60676B



0068AB



001A2B

Previews

White Background



This preview shows how the Hex color D65400 looks on a white background.

Color Contrast Check

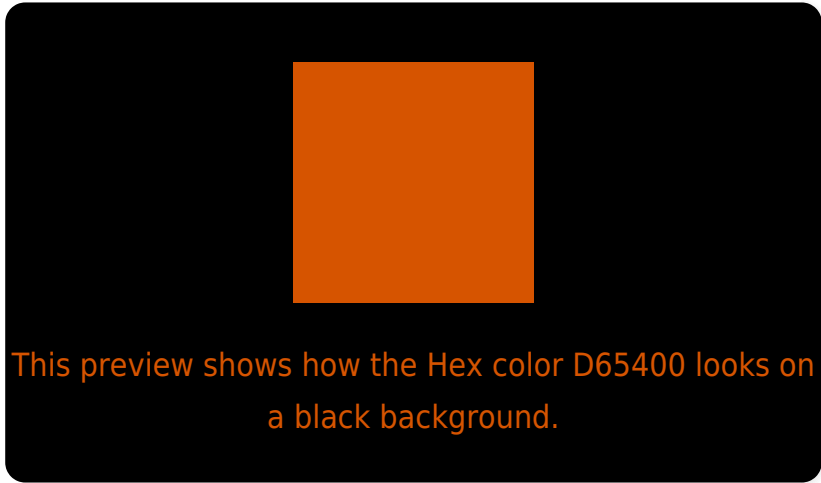
Large Text (above 18pt) WCAG AA ✓ Pass

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 D65400 Background



This preview shows how black text looks on a background with the Hex color D65400.



This preview shows how white text looks on a background with the Hex color D65400.

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
D65400

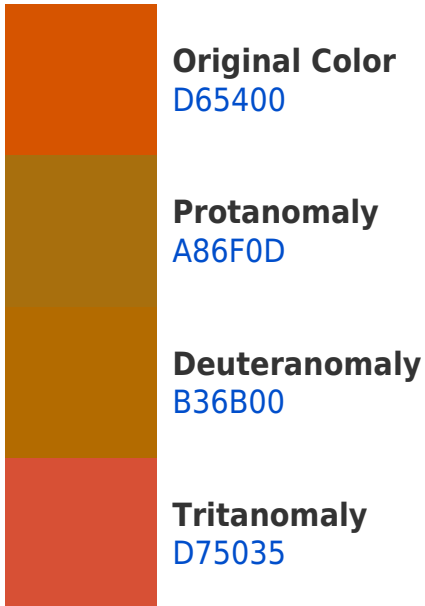
Protanopia
8E7E15

Deuteranopia
9F7800



Tritanopia
D84E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D65400 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 #D65400 looks like.

```
.text, #text, p{  
    color:#D65400  
}
```

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 #D65400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D65400
}
```

Border

The CSS property to change the border of an element to Hex D65400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

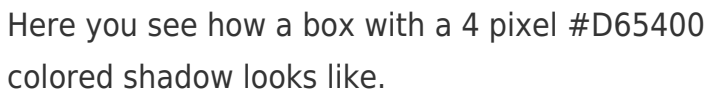
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D65400 }
```

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

```
.border{ border-color:#D65400 }
```

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



Here you see how a box with a 4 pixel #D65400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D65400; -webkit-box-shadow:4px 4px  
4px 4px #D65400; box-shadow:4px 4px 4px  
4px #D65400 }
```

Background

The CSS property to change the background color of an element to Hex D65400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D65400 }
```

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

```
.background{ background-color:#D65400 }
```

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