

Converting Colors

Hex(DD6325)

Have a look what the booklet for
Hex(DD6325) contains.

Hex(DD6325)	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(DD6325)

Conversions

Conversions Part 1

Format	Color
Hex	DD6325
RGB	221, 99, 37
RGB Percent	87%, 39%, 15%
CMY	0.1333, 0.6118, 0.8549
CMYK	0.00, 0.55, 0.83, 0.13
HSL	20°, 73%, 51%
HSV	20°, 83%, 87%
XYZ	34.6146, 24.4294, 4.6412
YIQ	128.4100, 92.6140, 6.5820

Conversions

Conversions Part 2

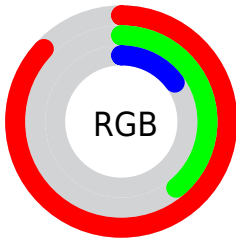
Format	Color
RYB	221, 131, 37
Decimal	14508837
CIELab	56.52, 44.50, 55.16
CIElCh	57, 70.872, 51.109
Yxy	24.4294, 0.5435, 0.3836
Android (android.graphics.Color)	4292698917 (0xFFDD6325)
YUV	128.4100, -45.0651, 81.2014
Hunter-Lab	49.4261, 38.5131, 29.0308

Details

The Hex color **DD6325** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **259FDD**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9958**, and **9E2F00** is the 20% darker color. If you saturate the color by 10%, you get **DD540F**, and if you desaturate by 10%, it is **DD723B**.

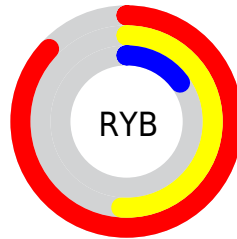
Distribution



Red (87%)

Green (39%)

Blue (15%)



Red (87%)

Yellow (51%)

Blue (15%)

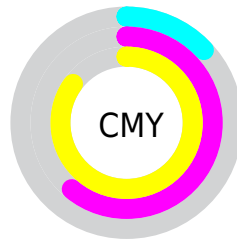


Cyan (0%)

Magenta (55%)

Yellow (83%)

Black (13%)



Cyan (13%)

Magenta (61%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD6325 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 DD6325 by changing the saturation by 10% instead.

 DD6325

 DD6325

FFFFFF

 BE4907

 FF9958

 9E2F00

 FFB471

 801000

 FFD08C

 620000

 FFEDA7

 450000

 FFFFC3

 2A0001

 FFFFDF

 000000

 FFFFFC

 DD6325

 DD6325

■ DD540F

■ DD723B

■ DD4A00

■ DD8051

■ DD8F67

■ DD9E7D

■ DDAC94

■ DDBBAA

■ DDCAC0

■ DDD8D6

■ DDE7EC

Harmonies

Analogous

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



F3475F



DD6325



B27E00

Triad

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



DD6325



00A272



5A7FFC

Complementary

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



DD6325



259FDD

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.



0094FF



DD6325



00A3B2

Square

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



DD6325



189D33



00A0E7



BF61D6

Rectangle

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



DD6325



8E8C00



00A0E7



0087FF

Sweetspot

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



DD6325



FFD5BF



DD25A0



806659



000000



808080

Same Dimension

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



DD6325



FF5600



DDBE25



6E6663



AD3A00



2E0F00

Inverse Universe

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



259FDD



00A9FF



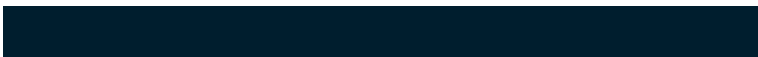
2544DD



636A6E



0073AD



001E2E

Previews

White Background



This preview shows how the Hex color DD6325 looks on a white background.

Color Contrast Check

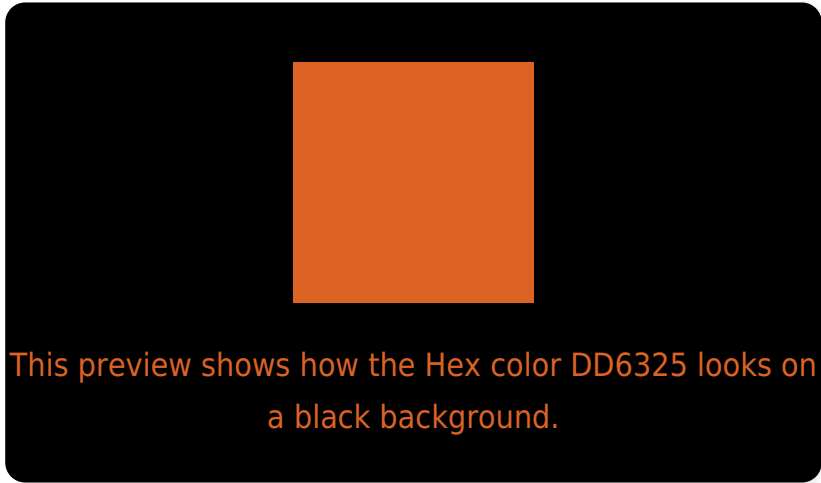
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD6325 Background



This preview shows how black text looks on a background with the Hex color DD6325.



This preview shows how white text looks on a background with the Hex color DD6325.

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
DD6325

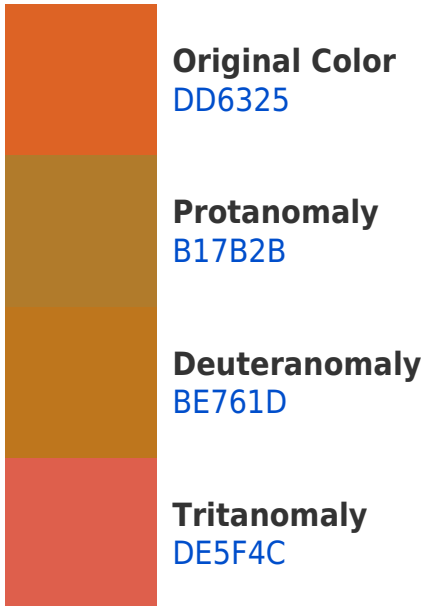
Protanopia
98882F

Deuteranopia
AC8118



Tritanopia
DF5D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD6325 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 #DD6325 looks like.

```
.text, #text, p{  
    color:#DD6325  
}
```

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 #DD6325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD6325  
}
```

Border

The CSS property to change the border of an element to Hex DD6325 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  
#DD6325 }
```

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

```
.border{ border-color:#DD6325 }
```

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

Here you see how a box with a 4 pixel #DD6325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD6325; -webkit-box-shadow:4px 4px  
4px 4px #DD6325; box-shadow:4px 4px 4px  
4px #DD6325 }
```

Background

The CSS property to change the background color of an element to Hex DD6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD6325 }
```

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

```
.background{ background-color:#DD6325 }
```

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