

Converting Colors

Hex(DD5D00)

Have a look what the booklet for
Hex(DD5D00) contains.

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Color

Hex(DD5D00)

Conversions

Conversions Part 1

Format	Color
Hex	DD5D00
RGB	221, 93, 0
RGB Percent	87%, 36%, 0%
CMY	0.1333, 0.6353, 1.0000
CMYK	0.00, 0.58, 1.00, 0.13
HSL	25°, 100%, 43%
HSV	25°, 100%, 87%
XYZ	33.7331, 23.2009, 2.7003
YIQ	120.6700, 106.1410, -1.7870

Conversions

Conversions Part 2

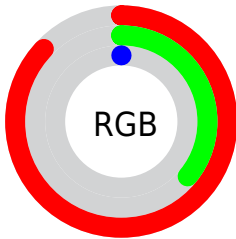
Format	Color
R_{YB}	221, 161, 0
Decimal	14507264
CIE _{Lab}	55.28, 46.77, 64.57
CIE _{LCh}	55, 79.729, 54.083
Yxy	23.2009, 0.5657, 0.3891
Android (android.graphics.Color)	4292697344 (0xFFDD5D00)
YUV	120.6700, -59.4903, 87.9894
Hunter-Lab	48.1673, 40.7168, 30.3933

Details

The Hex color **DD5D00** 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 **0080DD**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF9340**, and **9E2700** is the 20% darker color. If you saturate the color by 10%, you get **DD5D00**, and if you desaturate by 10%, it is **DD6A16**.

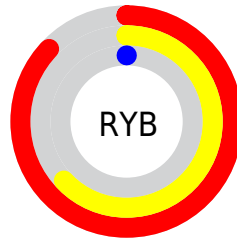
Distribution



Red (87%)

Green (36%)

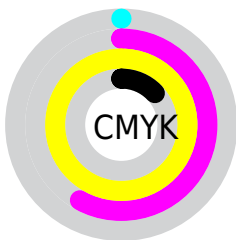
Blue (0%)



Red (87%)

Yellow (63%)

Blue (0%)

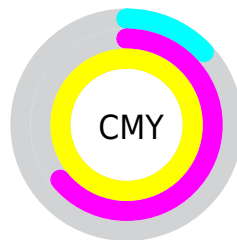


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD5D00 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 DD5D00 by changing the saturation by 10% instead.

 DD5D00

 DD5D00

FFFFFF

 BD4300

 FF9340

 9E2700

 FFAE5B

 7E0300

 FFCA75

 600000

 FFE790

 430000

 FFFFAC

 280001

 FFFFC8

 000000

 FFFF E4

 DD5D00

 DD6A16

 DD772C

 DD8342

 DD9058

 DD9D6F

 DDAA85

 DDB79B

 DDC3B1

 DDD0C7

Harmonies

Analogous

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



F93551



DD5D00



AC7D00

Triad

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



DD5D00



00A174



5A78FF

Complementary

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



DD5D00



0080DD

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.



0091FF



DD5D00



00A2BB

Square

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



DD5D00



009C29



009EF4



C852D7

Rectangle

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



DD5D00



828B00



009EF4



0082FF

Sweetspot

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



DD5D00



FFD3B3



DD0081



806552



000000



808080

Same Dimension

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



DD5D00



FF6B00



DDCB00



6E6763



AD4900



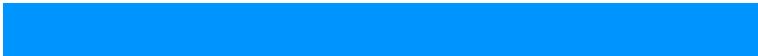
2E1300

Inverse Universe

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



0080DD



0094FF



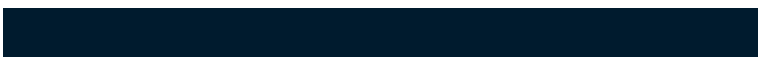
0012DD



63696E



0064AD



001B2E

Previews

White Background



This preview shows how the Hex color DD5D00 looks on a white background.

Color Contrast Check

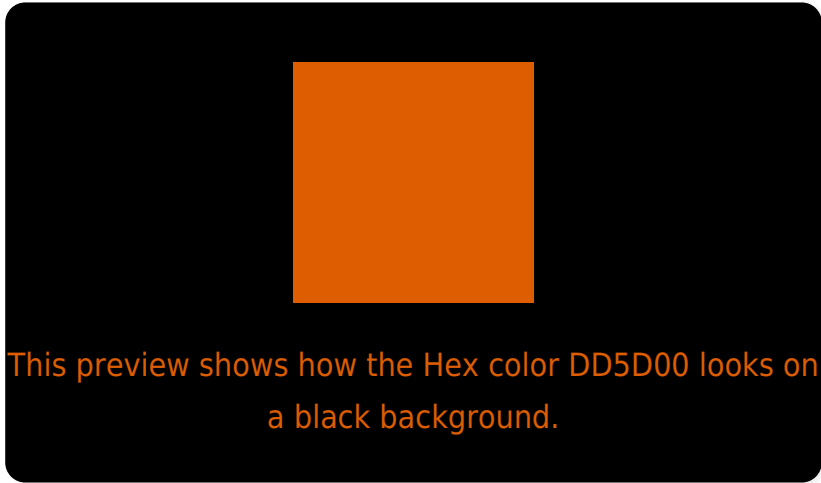
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD5D00 Background



This preview shows how black text looks on a background with the Hex color DD5D00.



This preview shows how white text looks on a background with the Hex color DD5D00.

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
DD5D00

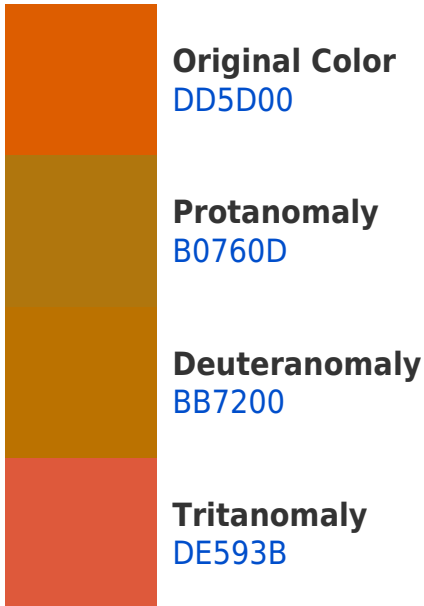
Protanopia
968515

Deuteranopia
A87E00



Tritanopia
DF575C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD5D00 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 #DD5D00 looks like.

```
.text, #text, p{  
    color:#DD5D00  
}
```

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 #DD5D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5D00
}
```

Border

The CSS property to change the border of an element to Hex DD5D00 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
#DD5D00 }
```

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

```
.border{ border-color:#DD5D00 }
```

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

Here you see how a box with a 4 pixel #DD5D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5D00; -webkit-box-shadow:4px 4px  
4px 4px #DD5D00; box-shadow:4px 4px 4px  
4px #DD5D00 }
```

Background

The CSS property to change the background color of an element to Hex DD5D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5D00 }
```

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

```
.background{ background-color:#DD5D00 }
```

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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