

Converting Colors

Hex(DB5125)

Have a look what the booklet for
Hex(DB5125) contains.

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Color

Hex(DB5125)

Conversions

Conversions Part 1

Format	Color
Hex	DB5125
RGB	219, 81, 37
RGB Percent	86%, 32%, 15%
CMY	0.1412, 0.6824, 0.8549
CMYK	0.00, 0.63, 0.83, 0.14
HSL	15°, 72%, 50%
HSV	15°, 83%, 86%
XYZ	32.4898, 21.0785, 4.1064
YIQ	117.2460, 96.3720, 15.5720

Conversions

Conversions Part 2

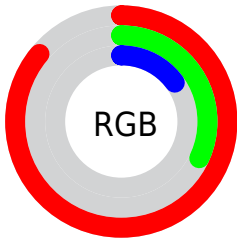
Format	Color
RYB	219, 95, 37
Decimal	14373157
CIELab	53.04, 52.04, 51.96
CIELCh	53, 73.533, 44.956
Yxy	21.0785, 0.5633, 0.3655
Android (android.graphics.Color)	4292563237 (0xFFDB5125)
YUV	117.2460, -39.5613, 89.2383
Hunter-Lab	45.9113, 45.9731, 26.8349

Details

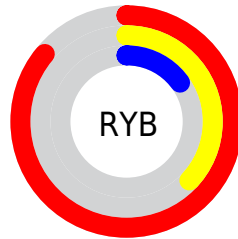
The Hex color **DB5125** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **25AFDB**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8856**, and **9C1400** is the 20% darker color. If you saturate the color by 10%, you get **DB400F**, and if you desaturate by 10%, it is **DB623B**.

Distribution



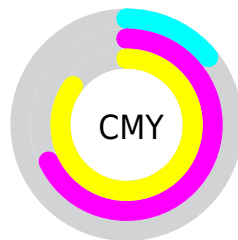
- Red (86%)
- Green (32%)
- Blue (15%)



- Red (86%)
- Yellow (37%)
- Blue (15%)



- Cyan (0%)
- Magenta (63%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (68%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB5125 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 DB5125 by changing the saturation by 10% instead.

 DB5125

 DB5125

FFFFFF

 BB350A

 FF8856

 9C1400

 FFA370

 7D0000

 FFBF8A

 5E0000

 FFDCA5

 420001

 FFFAC0

 240001

 FFFFDC

 000000

 FFFFF9

 DB5125

 DB5125

 DB400F

 DB623B

 DB3500

 DB7251

 DB8367

 DB937D

 DBA493

 DBB5A8

 DBC5BE

 DBD6D4

 DBE6EA

Harmonies

Analogous

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



EC3262



DB5125



B37000

Triad

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



DB5125



00985B



007CFA

Complementary

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



DB5125



25AFDB

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.



008FFA



DB5125



009A9E

Square

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



DB5125



279213



0098D7



A75DD9

Rectangle

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



DB5125



907F00



0098D7



0083FE

Sweetspot

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



DB5125



FFCFBF



DB25B1



806259



000000



808080

Same Dimension

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



DB5125



FF3E00



DBAA25



6E6563



AD2A00



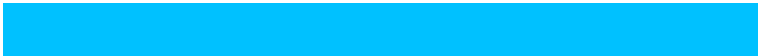
2E0B00

Inverse Universe

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



25AFDB



00C1FF



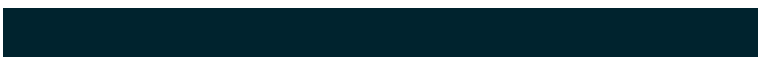
2556DB



636B6E



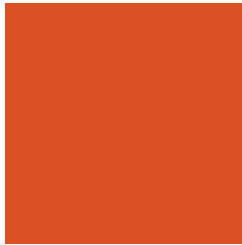
0083AD



00232E

Previews

White Background



This preview shows how the Hex color DB5125 looks on a white background.

Color Contrast Check

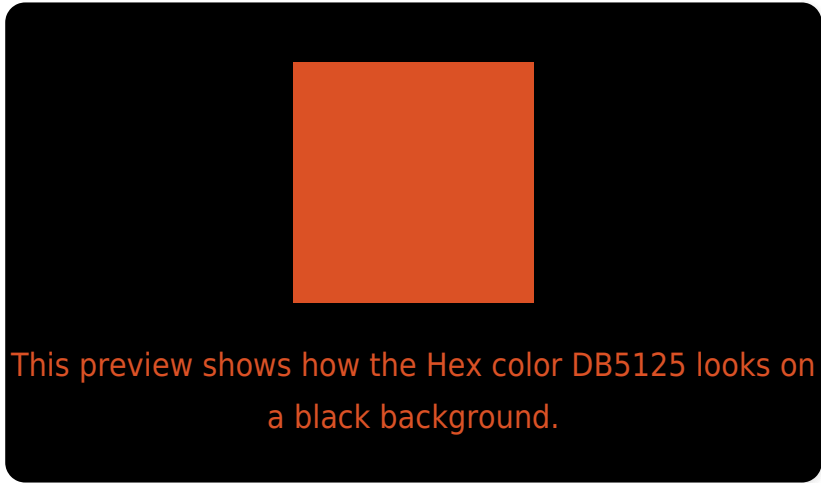
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5125 Background



This preview shows how black text looks on a background with the Hex color DB5125.



This preview shows how white text looks on a background with the Hex color DB5125.

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
DB5125

Protanopia
8E7F31

Deuteranopia
A07915

Trichromacy



Original Color
DB5125

Protanomaly
AA6E2D

Deuteranomaly
B56A1B

Tritanomaly
DC4E41

Monochromacy



Original Color
DB5125

Achromatopsia
757575

Achromatomaly
9A6858

CSS Examples

Text

The CSS property to change the color of the text to Hex DB5125 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 #DB5125 looks like.

```
.text, #text, p{  
    color:#DB5125  
}
```

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 #DB5125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5125
}
```

Border

The CSS property to change the border of an element to Hex DB5125 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
#DB5125 }
```

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

```
.border{ border-color:#DB5125 }
```

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

Here you see how a box with a 4 pixel #DB5125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5125; -webkit-box-shadow:4px 4px  
4px 4px #DB5125; box-shadow:4px 4px 4px  
4px #DB5125 }
```

Background

The CSS property to change the background color of an element to Hex DB5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5125 }
```

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

```
.background{ background-color:#DB5125 }
```

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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