

Converting Colors

Hex(DB3C05)

Have a look what the booklet for
Hex(DB3C05) contains.

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Color

Hex(DB3C05)

Conversions

Conversions Part 1

Format	Color
Hex	DB3C05
RGB	219, 60, 5
RGB Percent	86%, 24%, 2%
CMY	0.1412, 0.7647, 0.9804
CMYK	0.00, 0.73, 0.98, 0.14
HSL	15°, 96%, 44%
HSV	15°, 98%, 86%
XYZ	30.8567, 18.3027, 2.0500
YIQ	101.2710, 112.4190, 16.6030

Conversions

Conversions Part 2

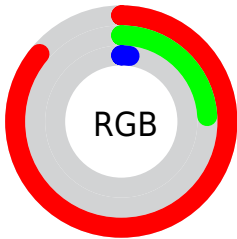
Format	Color
R_{YB}	219, 79, 5
Decimal	14367749
CIE Lab	49.86, 59.76, 60.35
CIE LCh	50, 84.928, 45.281
Yxy	18.3027, 0.6026, 0.3574
Android (android.graphics.Color)	4292557829 (0xFFDB3C05)
YUV	101.2710, -47.4616, 103.2483
Hunter-Lab	42.7817, 53.8767, 27.1061

Details

The Hex color **DB3C05** 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 **05A4DB**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF753E**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **DB3800**, and if you desaturate by 10%, it is **DB4C1B**.

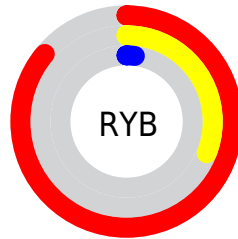
Distribution



Red (86%)

Green (24%)

Blue (2%)



Red (86%)

Yellow (31%)

Blue (2%)

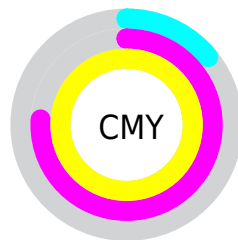


Cyan (0%)

Magenta (73%)

Yellow (98%)

Black (14%)



Cyan (14%)

Magenta (76%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3C05 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 DB3C05 by changing the saturation by 10% instead.

 DB3C05

 DB3C05

FFFFFFC

 BB1900

 FF753E

 9A0000

 FF9257

 7B0000

 FFAE71

 5C0000

 FFCB8C

 400003

 FFE8A7

 1E0001

 FFFFC3

 000000

 FFFFDF

 DB3C05

 DB3C05

■ DB3800

■ DB4C1B

■ DB5D31

■ DB6D47

■ DB7D5D

■ DB8D72

■ DB9E88

■ DBAE9E

■ DBBEB4

■ DBCECA

Harmonies

Analogous

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



F00056



DB3C05



AD6600

Triad

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



DB3C05



00924F



0074FF

Complementary

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



DB3C05



05A4DB

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



DB3C05



00949B

Square

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



DB3C05



008C00



0093DD



A44CDE

Rectangle

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



DB3C05



867800



0093DD



007DFF

Sweetspot

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



DB3C05



FFC8B5



DB05A5



805E53



000000



808080

Same Dimension

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



DB3C05



FF4200



DBA505



6E6663



AD2D00



2E0C00

Inverse Universe

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



05A4DB



00BDFF



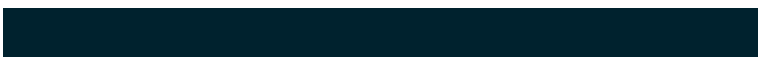
053BDB



636B6E



0081AD



00222E

Previews

White Background



This preview shows how the Hex color DB3C05 looks on a white background.

Color Contrast Check

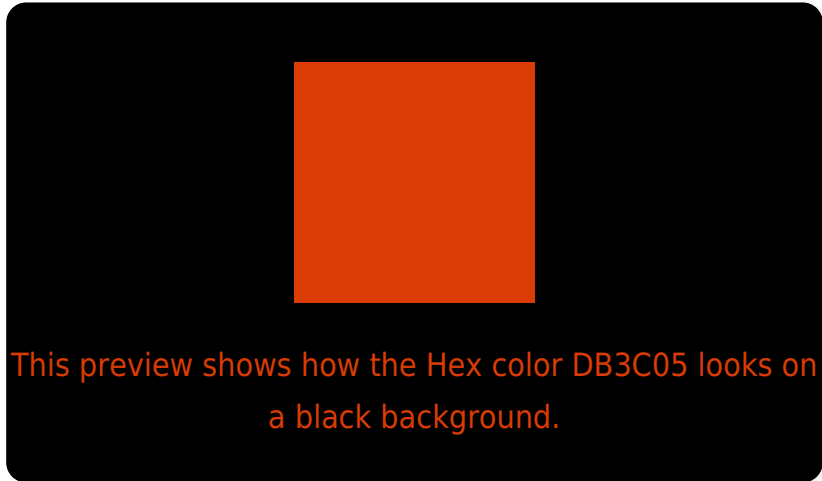
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 DB3C05 Background



This preview shows how black text looks on a background with the Hex color DB3C05.

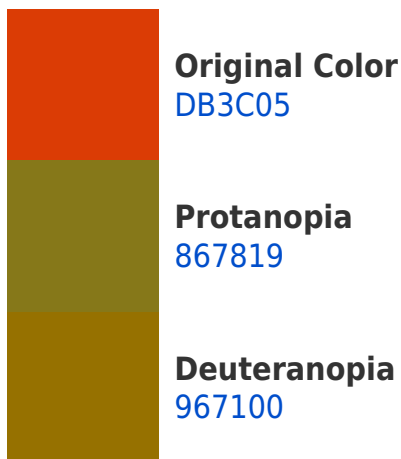


This preview shows how white text looks on a background with the Hex color DB3C05.

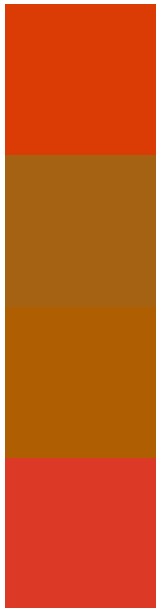
Color Blindness Simulation

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



Trichromacy



Original Color
DB3C05

Protanomaly
A56212

Deuteranomaly
AF5E02

Tritanomaly
DC3927

Monochromacy



Original Color
DB3C05

Achromatopsia
656565

Achromatomaly
905642

CSS Examples

Text

The CSS property to change the color of the text to Hex DB3C05 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 #DB3C05 looks like.

```
.text, #text, p{  
    color:#DB3C05  
}
```

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 #DB3C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3C05
}
```

Border

The CSS property to change the border of an element to Hex DB3C05 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".

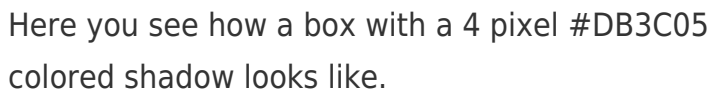
```
.border, #border, table{ border:4px solid
#DB3C05 }
```

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

```
.border{ border-color:#DB3C05 }
```

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

Here you see how a box with a 4 pixel #DB3C05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3C05; -webkit-box-shadow:4px 4px  
4px 4px #DB3C05; box-shadow:4px 4px 4px  
4px #DB3C05 }
```

Background

The CSS property to change the background color of an element to Hex DB3C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3C05 }
```

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

```
.background{ background-color:#DB3C05 }
```

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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