

Converting Colors

Hex(DB4D21)

Have a look what the booklet for
Hex(DB4D21) contains.

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Color

Hex(DB4D21)

Conversions

Conversions Part 1

Format	Color
Hex	DB4D21
RGB	219, 77, 33
RGB Percent	86%, 30%, 13%
CMY	0.1412, 0.6980, 0.8706
CMYK	0.00, 0.65, 0.85, 0.14
HSL	14°, 74%, 49%
HSV	14°, 85%, 86%
XYZ	32.1418, 20.4776, 3.6974
YIQ	114.4420, 98.7560, 16.4200

Conversions

Conversions Part 2

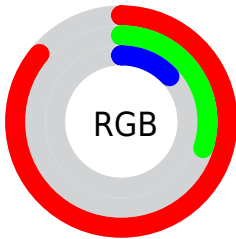
Format	Color
R_{YB}	219, 91, 33
Decimal	14372129
CIE Lab	52.37, 53.64, 53.12
CIE LCh	52, 75.489, 44.722
Yxy	20.4776, 0.5707, 0.3636
Android (android.graphics.Color)	4292562209 (0xFFDB4D21)
YUV	114.4420, -40.1509, 91.6974
Hunter-Lab	45.2522, 47.5939, 26.8322

Details

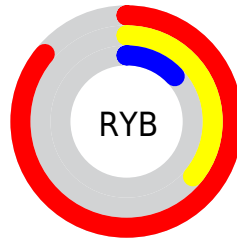
The Hex color **DB4D21** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **21AFDB**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8452**, and **9C0B00** is the 20% darker color. If you saturate the color by 10%, you get **DB3C0B**, and if you desaturate by 10%, it is **DB5E37**.

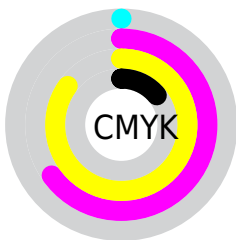
Distribution



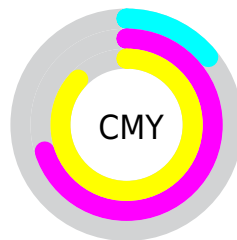
- Red (86%)
- Green (30%)
- Blue (13%)



- Red (86%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (85%)
- Black (14%)



- Cyan (14%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4D21 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 DB4D21 by changing the saturation by 10% instead.

 DB4D21

 DB4D21

FFFFFF

 BB3005

 FF8452

 9C0B00

 FFA06C

 7C0000

 FFBC86

 5E0000

 FFD9A1

 420002

 FFF6BC

 230001

 FFFFD8

 000000

 FFFFF5

 DB4D21

 DB4D21

 DB3C0B

 DB5E37

 DB3400

 DB6E4D

 DB7F63

 DB9079

 DBA18E

 DBB1A4

 DBC2BA

 DBD3D0

 DBE3E6

Harmonies

Analogous

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



ED2A60



DB4D21



B26E00

Triad

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



DB4D21



009758



007AFC

Complementary

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



DB4D21



21AFDB

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.



008EFB



DB4D21



00999C

Square

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



DB4D21



209108



0097D8



A65ADA

Rectangle

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



DB4D21



8E7E00



0097D8



0082FF

Sweetspot

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



DB4D21



FFCEBF



DB21B0



806259



000000



808080

Same Dimension

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



DB4D21



FF3C00



DBA921



6E6563



AD2900



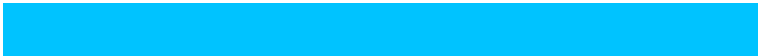
2E0B00

Inverse Universe

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



21AFDB



00C3FF



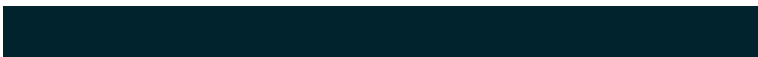
2153DB



636B6E



0084AD



00232E

Previews

White Background



This preview shows how the Hex color DB4D21 looks on a white background.

Color Contrast Check

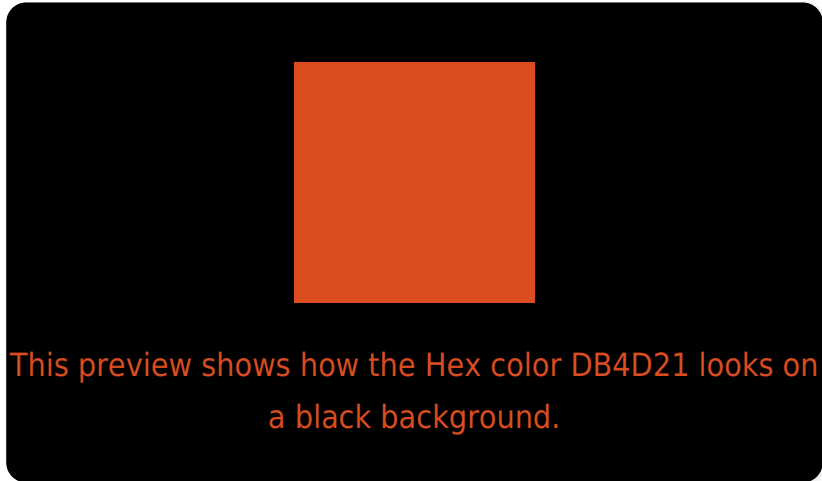
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4D21 Background



This preview shows how black text looks on a background with the Hex color DB4D21.



This preview shows how white text looks on a background with the Hex color DB4D21.

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
DB4D21

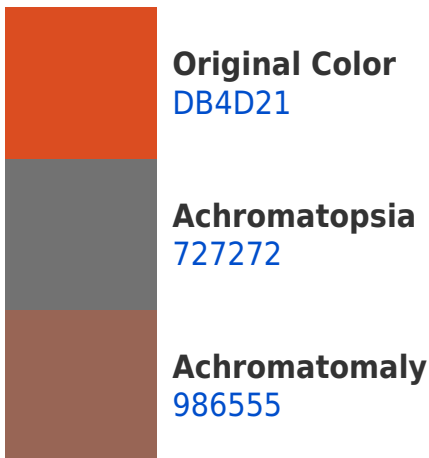
Protanopia
8C7E2D

Deuteranopia
9F770B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB4D21 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 #DB4D21 looks like.

```
.text, #text, p{  
    color:#DB4D21  
}
```

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 #DB4D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4D21
}
```

Border

The CSS property to change the border of an element to Hex DB4D21 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
#DB4D21 }
```

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

```
.border{ border-color:#DB4D21 }
```

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

Here you see how a box with a 4 pixel #DB4D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4D21; -webkit-box-shadow:4px 4px  
4px 4px #DB4D21; box-shadow:4px 4px 4px  
4px #DB4D21 }
```

Background

The CSS property to change the background color of an element to Hex DB4D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4D21 }
```

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

```
.background{ background-color:#DB4D21 }
```

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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