

Converting Colors

Hex(DB570B)

Have a look what the booklet for
Hex(DB570B) contains.

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Color

Hex(DB570B)

Conversions

Conversions Part 1

Format	Color
Hex	DB570B
RGB	219, 87, 11
RGB Percent	86%, 34%, 4%
CMY	0.1412, 0.6588, 0.9569
CMYK	0.00, 0.60, 0.95, 0.14
HSL	22°, 90%, 45%
HSV	22°, 95%, 86%
XYZ	32.6820, 21.9006, 2.8213
YIQ	117.8040, 103.0680, 4.3480

Conversions

Conversions Part 2

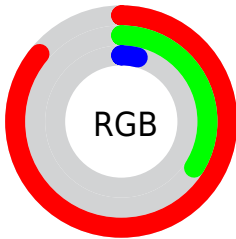
Format	Color
R_{YB}	219, 131, 11
Decimal	14374667
CIE _{Lab}	53.92, 48.90, 61.37
CIE _{LCh}	54, 78.473, 51.450
Yxy	21.9006, 0.5693, 0.3815
Android (android.graphics.Color)	4292564747 (0xFFDB570B)
YUV	117.8040, -52.6544, 88.7489
Hunter-Lab	46.7981, 42.7610, 29.1843

Details

The Hex color **DB570B** 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 **0B8FDB**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8D44**, and **9C1F00** is the 20% darker color. If you saturate the color by 10%, you get **DB5000**, and if you desaturate by 10%, it is **DB6521**.

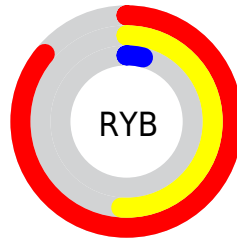
Distribution



Red (86%)

Green (34%)

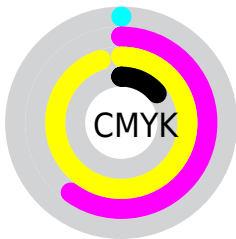
Blue (4%)



Red (86%)

Yellow (51%)

Blue (4%)

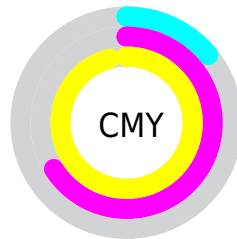


Cyan (0%)

Magenta (60%)

Yellow (95%)

Black (14%)



Cyan (14%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB570B 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 DB570B by changing the saturation by 10% instead.

 DB570B

 DB570B

FFFFFF

 BB3C00

 FF8D44

 9C1F00

 FFA85E

 7C0000

 FFC579

 5E0000

 FFE193

 410000

 FFFF4F

 240001

 FFFFCB

 000000

 FFFF88

 DB570B

 DB570B

 DB5000

 DB6521

 DB7337

 DB814D

 DB8F63

 DB9C78

 DBAA8E

 DBB8A4

 DBC6BA

 DBD4D0

Harmonies

Analogous

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



F42F54



DB570B



AC7700

Triad

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



DB570B



009D6B



4478FF

Complementary

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



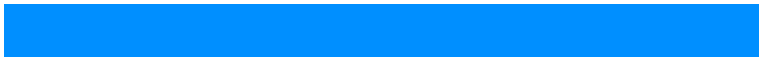
DB570B



0B8FDB

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.



008FFF



DB570B



009EB1

Square

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



DB570B



009720



009BEB



BD53D6

Rectangle

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



DB570B



858600



009BEB



0081FF

Sweetspot

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



DB570B



FFD2B8



DB0B92



806454



000000



808080

Same Dimension

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



DB570B



FF5D00



DBBC0B



6E6763



AD3F00



2E1100

Inverse Universe

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



0B8FDB



00A2FF



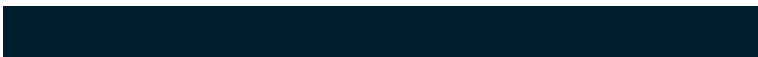
0B2ADB



636A6E



006EAD



001D2E

Previews

White Background



This preview shows how the Hex color DB570B looks on a white background.

Color Contrast Check

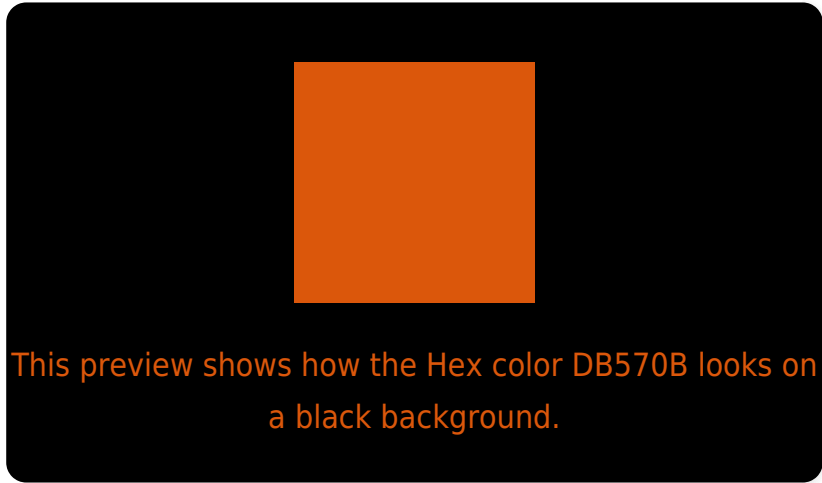
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB570B Background



This preview shows how black text looks on a background with the Hex color DB570B.



This preview shows how white text looks on a background with the Hex color DB570B.

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

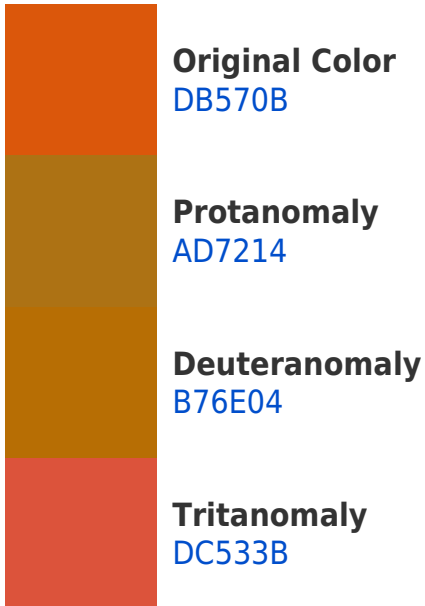


Original Color
DB570B

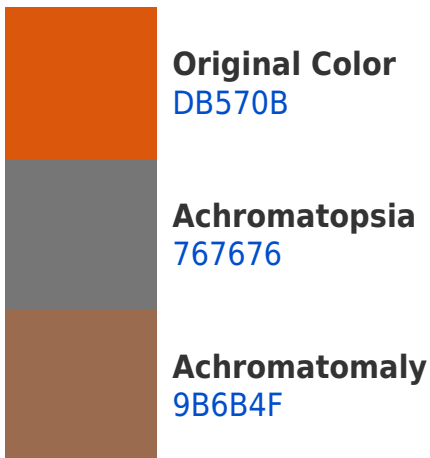
Protanopia
928219

Deuteranopia
A37B00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB570B 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 #DB570B looks like.

```
.text, #text, p{  
    color:#DB570B  
}
```

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 #DB570B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB570B
}
```

Border

The CSS property to change the border of an element to Hex DB570B is called "border". The border property can be set on classes, ids or directly on the HTML element.

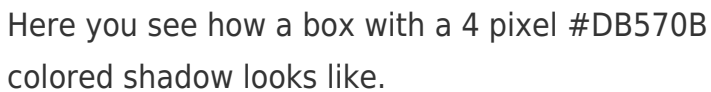
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB570B }
```

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

```
.border{ border-color:#DB570B }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #DB570B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB570B; -webkit-box-shadow:4px 4px  
4px 4px #DB570B; box-shadow:4px 4px 4px  
4px #DB570B }
```

Background

The CSS property to change the background color of an element to Hex DB570B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB570B }
```

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

```
.background{ background-color:#DB570B }
```

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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