

Converting Colors

Hex(DB571A)

Have a look what the booklet for
Hex(DB571A) contains.

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Color

Hex(DB571A)

Conversions

Conversions Part 1

Format	Color
Hex	DB571A
RGB	219, 87, 26
RGB Percent	86%, 34%, 10%
CMY	0.1412, 0.6588, 0.8980
CMYK	0.00, 0.60, 0.88, 0.14
HSL	19°, 79%, 48%
HSV	19°, 88%, 86%
XYZ	32.8081, 21.9510, 3.4851
YIQ	119.5140, 98.2530, 9.0130

Conversions

Conversions Part 2

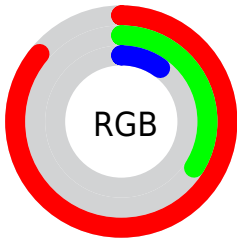
Format	Color
R_{YB}	219, 115, 26
Decimal	14374682
CIE _{Lab}	53.98, 49.12, 57.15
CIE _{LCh}	54, 75.357, 49.318
Yxy	21.9510, 0.5633, 0.3769
Android (android.graphics.Color)	4292564762 (0xFFDB571A)
YUV	119.5140, -46.1024, 87.2492
Hunter-Lab	46.8519, 43.0037, 28.3861

Details

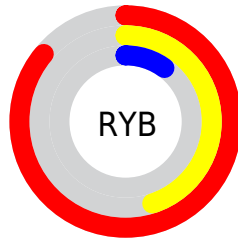
The Hex color **DB571A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1A9EDB**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8D4E**, and **9C1F00** is the 20% darker color. If you saturate the color by 10%, you get **DB4804**, and if you desaturate by 10%, it is **DB6630**.

Distribution



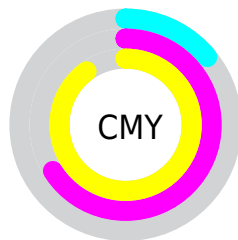
- Red (86%)
- Green (34%)
- Blue (10%)



- Red (86%)
- Yellow (45%)
- Blue (10%)



- Cyan (0%)
- Magenta (60%)
- Yellow (88%)
- Black (14%)



- Cyan (14%)
- Magenta (66%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB571A 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 DB571A by changing the saturation by 10% instead.

 DB571A

 DB571A

FFFFFF

 BB3C00

 FF8D4E

 9C1F00

 FFA967

 7D0000

 FFC581

 5F0000

 FFE19C

 420000

 FFFF88

 250001

 FFFFD4

 000000

 FFFFF1

 DB571A

 DB571A

 DB4804

 DB6630

 DB4500

 DB7546

 DB845C

 DB9372

 DBA288

 DBB19D

 DBC0B3

 DBCFC9

 DBDEDF

Harmonies

Analogous

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



F1355A



DB571A



AF7600

Triad

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



DB571A



009C67



3A7AFD

Complementary

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



DB571A



1A9EDB

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.



0090FF



DB571A



009DAA

Square

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



DB571A



00961F



009AE3



B659D7

Rectangle

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



DB571A



8A8500



009AE3



0083FF

Sweetspot

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



DB571A



FFD2BD



DB1AA1



806458



000000



808080

Same Dimension

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



DB571A



FF5100



DBB41A



6E6663



AD3700



2E0F00

Inverse Universe

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



1A9EDB



00AEFF



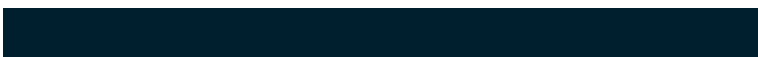
1A41DB



636A6E



0077AD



001F2E

Previews

White Background



This preview shows how the Hex color DB571A 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 DB571A Background



This preview shows how black text looks on a background with the Hex color DB571A.



This preview shows how white text looks on a background with the Hex color DB571A.

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

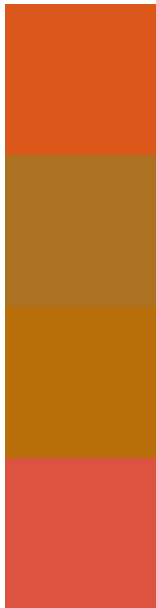


Original Color
DB571A

Protanopia
918225

Deuteranopia
A47B00

Trichromacy



Original Color
DB571A

Protanomaly
AC7221

Deuteranomaly
B86E09

Tritanomaly
DC5340

Monochromacy



Original Color
DB571A

Achromatopsia
787878

Achromatomaly
9C6C56

CSS Examples

Text

The CSS property to change the color of the text to Hex DB571A 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 #DB571A looks like.

```
.text, #text, p{  
    color:#DB571A  
}
```

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 #DB571A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB571A
}
```

Border

The CSS property to change the border of an element to Hex DB571A 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
#DB571A }
```

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

```
.border{ border-color:#DB571A }
```

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

Here you see how a box with a 4 pixel #DB571A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB571A; -webkit-box-shadow:4px 4px  
4px 4px #DB571A; box-shadow:4px 4px 4px  
4px #DB571A }
```

Background

The CSS property to change the background color of an element to Hex DB571A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB571A }
```

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

```
.background{ background-color:#DB571A }
```

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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