

Converting Colors

Hex(DB5911)

Have a look what the booklet for
Hex(DB5911) contains.

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Color

Hex(DB5911)

Conversions

Conversions Part 1

Format	Color
Hex	DB5911
RGB	219, 89, 17
RGB Percent	86%, 35%, 7%
CMY	0.1412, 0.6510, 0.9333
CMYK	0.00, 0.59, 0.92, 0.14
HSL	21°, 86%, 46%
HSV	21°, 92%, 86%
XYZ	32.8870, 22.2453, 3.0908
YIQ	119.6620, 100.5920, 5.1680

Conversions

Conversions Part 2

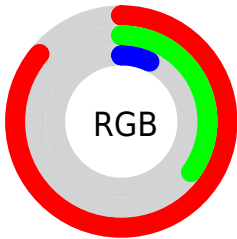
Format	Color
R_{YB}	219, 129, 17
Decimal	14375185
CIE Lab	54.29, 48.06, 60.17
CIE LCh	54, 77.012, 51.385
Yxy	22.2453, 0.5648, 0.3821
Android (android.graphics.Color)	4292565265 (0xFFDB5911)
YUV	119.6620, -50.6124, 87.1194
Hunter-Lab	47.1649, 41.9252, 29.1301

Details

The Hex color **DB5911** 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 **1193DB**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8F48**, and **9C2200** is the 20% darker color. If you saturate the color by 10%, you get **DB4E00**, and if you desaturate by 10%, it is **DB6727**.

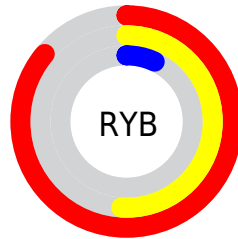
Distribution



Red (86%)

Green (35%)

Blue (7%)



Red (86%)

Yellow (51%)

Blue (7%)

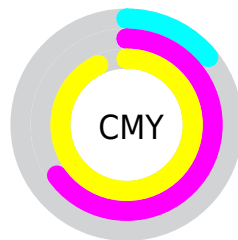


Cyan (0%)

Magenta (59%)

Yellow (92%)

Black (14%)



Cyan (14%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB5911 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 DB5911 by changing the saturation by 10% instead.

 DB5911

 DB5911

FFFFFF

 BB3E00

 FF8F48

 9C2200

 FFAA62

 7D0000

 FFC67C

 5E0000

 FFE397

 420000

 FFFFB2

 250001

 FFFFCE

 000000

 FFFFEB

 DB5911

 DB5911

■ DB4E00

■ DB6727

■ DB753D

■ DB8353

■ DB9169

■ DB9F7E

■ DBAE94

■ DBBCAA

■ DBCAC0

■ DBD8D6

Harmonies

Analogous

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



F33456



DB5911



AD7800

Triad

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



DB5911



009D6C



4879FF

Complementary

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



DB5911



1193DB

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



DB5911



009FB1

Square

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



DB5911



009823



009BEA



BD55D6

Rectangle

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



DB5911



868700



009BEA



0082FF

Sweetspot

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



DB5911



FFD1B8



DB1194



806454



000000



808080

Same Dimension

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



DB5911



FF5B00



DBBD11



6E6763



AD3E00



2E1000

Inverse Universe

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



1193DB



00A4FF



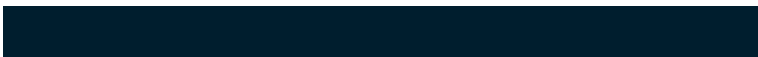
112FDB



636A6E



0070AD



001E2E

Previews

White Background



This preview shows how the Hex color DB5911 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 DB5911 Background



This preview shows how black text looks on a background with the Hex color DB5911.



This preview shows how white text looks on a background with the Hex color DB5911.

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

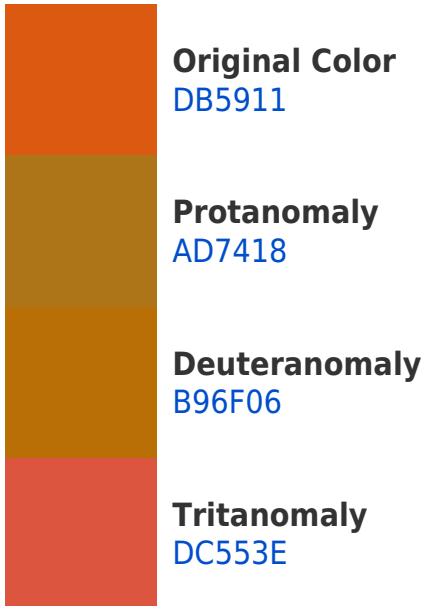


Original Color
DB5911

Protanopia
93831C

Deuteranopia
A57C00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB5911 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 #DB5911 looks like.

```
.text, #text, p{  
  color:#DB5911  
}
```

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 #DB5911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5911
}
```

Border

The CSS property to change the border of an element to Hex DB5911 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
#DB5911 }
```

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

```
.border{ border-color:#DB5911 }
```

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

Here you see how a box with a 4 pixel #DB5911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5911; -webkit-box-shadow:4px 4px  
4px 4px #DB5911; box-shadow:4px 4px 4px  
4px #DB5911 }
```

Background

The CSS property to change the background color of an element to Hex DB5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5911 }
```

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

```
.background{ background-color:#DB5911 }
```

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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