

Converting Colors

Hex(DB5524)

Have a look what the booklet for
Hex(DB5524) contains.

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Color

Hex(DB5524)

Conversions

Conversions Part 1

Format	Color
Hex	DB5524
RGB	219, 85, 36
RGB Percent	86%, 33%, 14%
CMY	0.1412, 0.6667, 0.8588
CMYK	0.00, 0.61, 0.84, 0.14
HSL	16°, 72%, 50%
HSV	16°, 84%, 86%
XYZ	32.7804, 21.6844, 4.1269
YIQ	119.4800, 95.5930, 13.1690

Conversions

Conversions Part 2

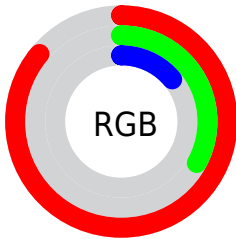
Format	Color
R_{YB}	219, 103, 36
Decimal	14374180
CIE _{Lab}	53.69, 50.25, 52.97
CIE _{LCh}	54, 73.016, 46.512
Yxy	21.6844, 0.5595, 0.3701
Android (android.graphics.Color)	4292564260 (0xFFDB5524)
YUV	119.4800, -41.1556, 87.2790
Hunter-Lab	46.5666, 44.1629, 27.3421

Details

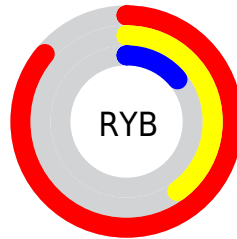
The Hex color **DB5524** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **24AADB**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8B56**, and **9C1C00** is the 20% darker color. If you saturate the color by 10%, you get **DB450E**, and if you desaturate by 10%, it is **DB653A**.

Distribution



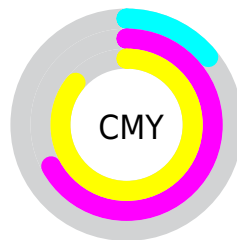
- Red (86%)
- Green (33%)
- Blue (14%)



- Red (86%)
- Yellow (40%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB5524 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 DB5524 by changing the saturation by 10% instead.

 DB5524

 DB5524

FFFFFF

 BB3A08

 FF8B56

 9C1C00

 FFA76F

 7D0000

 FFC389

 5F0000

 FFE0A4

 420001

 FFFDC0

 250001

 FFFFDC

 000000

 FFFFF9

 DB5524

 DB5524

 DB450E

 DB653A

 DB3B00

 DB7550

 DB8566

 DB957C

 DBA592

 DBB5A7

 DBC5BD

 DBD5D3

 DBE5E9

Harmonies

Analogous

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



EE3761



DB5524



B27300

Triad

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



DB5524



009A61



227CFA

Complementary

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



DB5524



24AADB

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.



0090FC



DB5524



009CA2

Square

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



DB5524



23941C



0099DB



AD5DD8

Rectangle

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



DB5524



8F8200



0099DB



0084FF

Sweetspot

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



DB5524



FFD0BF



DB24AA



806359



000000



808080

Same Dimension

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



DB5524



FF4400



DBB024



6E6663



AD2E00



2E0C00

Inverse Universe

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



24AADB



00BBFF



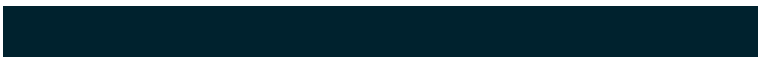
244FDB



636B6E



007FAD



00222E

Previews

White Background



This preview shows how the Hex color DB5524 looks on a white background.

Color Contrast Check

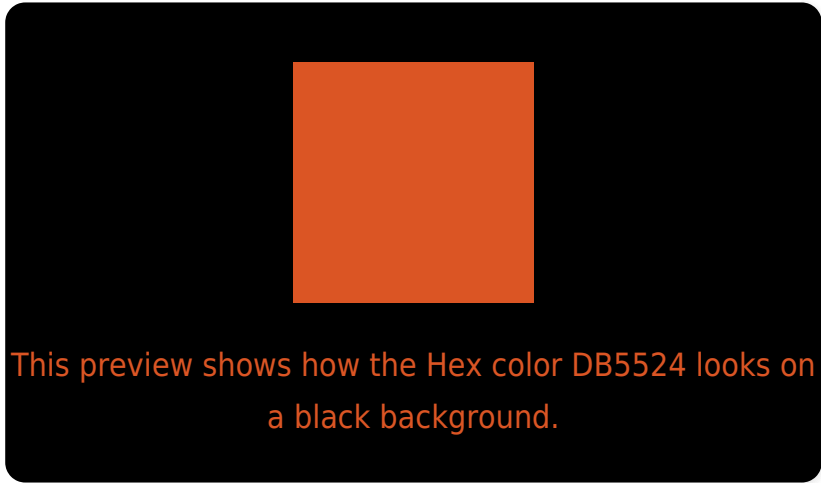
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5524 Background



This preview shows how black text looks on a background with the Hex color DB5524.



This preview shows how white text looks on a background with the Hex color DB5524.

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
DB5524

Protanopia
90812F

Deuteranopia
A37A14

Trichromacy



Original Color
DB5524

Protanomaly
AB712B

Deuteranomaly
B76D1A

Tritanomaly
DC5243

Monochromacy



Original Color
DB5524

Achromatopsia
777777

Achromatomaly
9B6B59

CSS Examples

Text

The CSS property to change the color of the text to Hex DB5524 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 #DB5524 looks like.

```
.text, #text, p{  
    color:#DB5524  
}
```

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 #DB5524 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5524  
}
```

Border

The CSS property to change the border of an element to Hex DB5524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

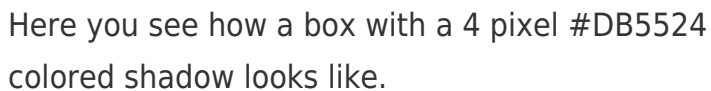
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#DB5524 }
```

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

```
.border{ border-color:#DB5524 }
```

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



Here you see how a box with a 4 pixel #DB5524 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5524; -webkit-box-shadow:4px 4px  
4px 4px #DB5524; box-shadow:4px 4px 4px  
4px #DB5524 }
```

Background

The CSS property to change the background color of an element to Hex DB5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5524 }
```

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

```
.background{ background-color:#DB5524 }
```

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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