

# Converting Colors

Hex(DB5D24)

Have a look what the booklet for  
Hex(DB5D24) contains.

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**Color**

**Hex(DB5D24)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5D24
RGB	219, 93, 36
RGB Percent	86%, 36%, 14%
CMY	0.1412, 0.6353, 0.8588
CMYK	0.00, 0.58, 0.84, 0.14
HSL	19°, 72%, 50%
HSV	19°, 84%, 86%
XYZ	33.4462, 23.0161, 4.3488
YIQ	124.1760, 93.3930, 8.9850

# Conversions

## Conversions Part 2

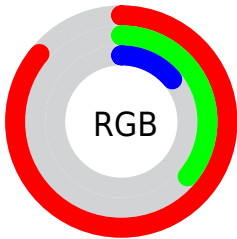
Format	Color
<a href="#">RYB</a>	<a href="#">219, 119, 36</a>
Decimal	<a href="#">14376228</a>
CIELab	<a href="#">55.09, 46.58, 54.20</a>
CIElCh	<a href="#">55, 71.468, 49.325</a>
Yxy	<a href="#">23.0161, 0.5500, 0.3785</a>
Android (android.graphics.Color)	<a href="#">4292566308 (0xFFDB5D24)</a>
YUV	<a href="#">124.1760, -43.4708, 83.1606</a>
Hunter-Lab	<a href="#">47.9751, 40.4860, 28.2081</a>

# Details

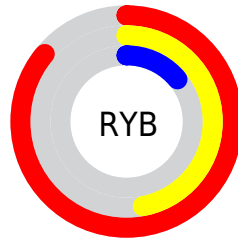
The Hex color **DB5D24** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **24A2DB**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9356**, and **9C2700** is the 20% darker color. If you saturate the color by 10%, you get **DB4E0E**, and if you desaturate by 10%, it is **DB6C3A**.

# Distribution



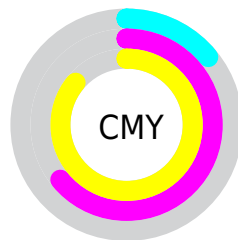
- Red (86%)
- Green (36%)
- Blue (14%)



- Red (86%)
- Yellow (47%)
- Blue (14%)



- Cyan (0%)
- Magenta (58%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (64%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB5D24 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 DB5D24 by changing the saturation by 10% instead.



 DB5D24

 DB5D24

FFFFFF

 BB4307

 FF9356

 9C2700

 FFAE70

 7E0300

 FFCA8A

 5F0000

 FFE7A5

 430000

 FFFFC1

 270001

 FFFFDD

 000000

 FFFFFA

 DB5D24

 DB5D24

 DB4E0E

 DB6C3A

 DB4400

 DB7B50

 DB8A66

 DB997C

 DBA892

 DBB7A7

 DBC7BD

 DBD6D3

 DBE5E9

# Harmonies

## Analogous

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



F0415F



DB5D24



B17900

# Triad

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



DB5D24



009E6B



497DFA

# Complementary

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



DB5D24



24A2DB

# 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.



0092FE



DB5D24



009FAB

# Square

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



DB5D24



1C982A



009CE1



B75FD6

# Rectangle

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



DB5D24



8D8700



009CE1



0085FF



# Sweetspot

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



DB5D24



FFD3BF



DB24A4



806559



000000



808080



# Same Dimension

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



DB5D24



FF4F00



DBB624



6E6663



AD3600



2E0E00

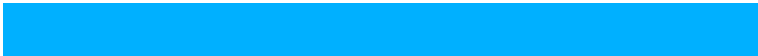


# Inverse Universe

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



24A2DB



00B0FF



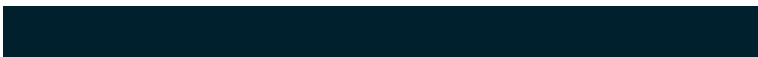
2449DB



636A6E



0077AD



00202E



# Previews

## White Background



This preview shows how the Hex color DB5D24 looks on a white background.

## Color Contrast Check

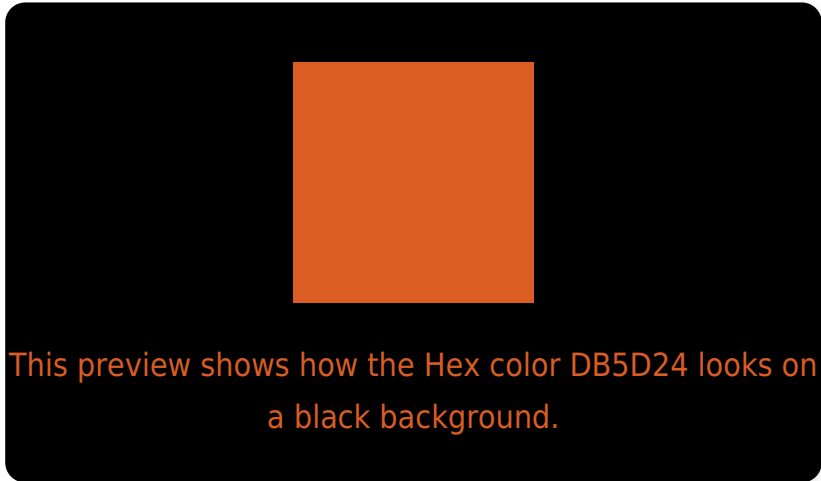
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5D24 Background



This preview shows how black text looks on a background with the Hex color DB5D24.



This preview shows how white text looks on a background with the Hex color DB5D24.

# 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



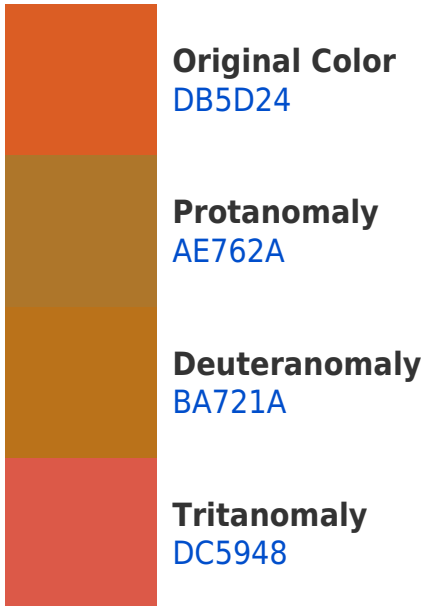
**Original Color**  
DB5D24

**Protanopia**  
94852E

**Deuteranopia**  
A77E15



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB5D24 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 #DB5D24 looks like.

```
.text, #text, p{  
    color:#DB5D24  
}
```

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 #DB5D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5D24
}
```

## Border

The CSS property to change the border of an element to Hex DB5D24 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
#DB5D24 }
```

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

```
.border{ border-color:#DB5D24 }
```

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

Here you see how a box with a 4 pixel #DB5D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5D24; -webkit-box-shadow:4px 4px  
4px 4px #DB5D24; box-shadow:4px 4px 4px  
4px #DB5D24 }
```

# Background

The CSS property to change the background color of an element to Hex DB5D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5D24 }
```

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

```
.background{ background-color:#DB5D24 }
```

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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