

Converting Colors

Hex(DB6226)

Have a look what the booklet for
Hex(DB6226) contains.

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Color

Hex(DB6226)

Conversions

Conversions Part 1

Format	Color
Hex	DB6226
RGB	219, 98, 38
RGB Percent	86%, 38%, 15%
CMY	0.1412, 0.6157, 0.8510
CMYK	0.00, 0.55, 0.83, 0.14
HSL	20°, 72%, 50%
HSV	20°, 83%, 86%
XYZ	33.9310, 23.9354, 4.6654
YIQ	127.3390, 91.3760, 6.9920

Conversions

Conversions Part 2

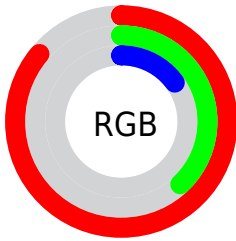
Format	Color
RYB	219, 128, 38
Decimal	14377510
CIELab	56.02, 44.25, 54.19
CIELCh	56, 69.965, 50.766
Yxy	23.9354, 0.5426, 0.3828
Android (android.graphics.Color)	4292567590 (0xFFDB6226)
YUV	127.3390, -44.0441, 80.3867
Hunter-Lab	48.9238, 38.1815, 28.5928

Details

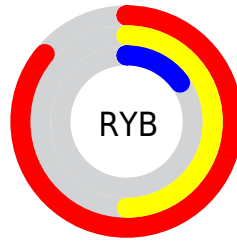
The Hex color **DB6226** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **269FDB**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9758**, and **9D2E00** is the 20% darker color. If you saturate the color by 10%, you get **DB5310**, and if you desaturate by 10%, it is **DB713C**.

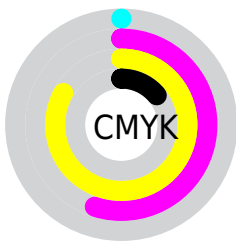
Distribution



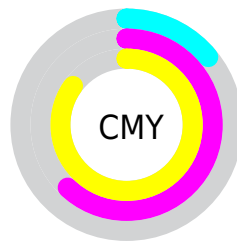
- Red (86%)
- Green (38%)
- Blue (15%)



- Red (86%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (55%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB6226 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 DB6226 by changing the saturation by 10% instead.

 DB6226

 DB6226

FFFFFF

 BC4809

 FF9758

 9D2E00

 FFB372

 7E0F00

 FFCF8C

 600000

 FFECA8

 430000

 FFFFC3

 280001

 FFFFEO

 000000

 FFFFFD

 DB6226

 DB6226

 DB5310

 DB713C

 DB4900

 DB7F52

 DB8E68

 DB9D7E

 DBAB93

 DBBAA9

 DBC8BF

 DBD7D5

 DBE6EB

Harmonies

Analogous

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



F0475F



DB6226



B17D00

Triad

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



DB6226



00A071



587EF9

Complementary

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



DB6226



269FDB

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.



0093FF



DB6226



00A2B0

Square

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



DB6226



1D9B32



009EE4



BC61D4

Rectangle

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



DB6226



8E8B00



009EE4



0086FF

Sweetspot

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



DB6226



FFD4BF



DB26A2



806659



000000



808080

Same Dimension

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



DB6226



FF5603



DBBA26



6E6663



AD3900



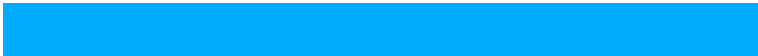
2E0F00

Inverse Universe

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



269FDB



03ABFF



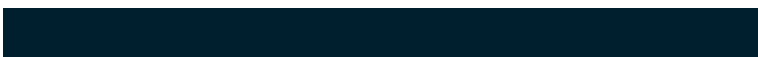
2647DB



636A6E



0074AD



001F2E

Previews

White Background



This preview shows how the Hex color DB6226 looks on a white background.

Color Contrast Check

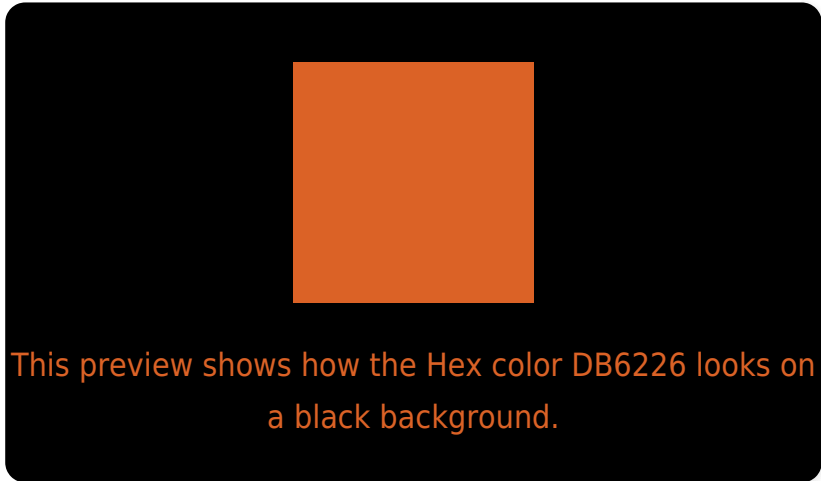
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB6226 Background



This preview shows how black text looks on a background with the Hex color DB6226.



This preview shows how white text looks on a background with the Hex color DB6226.

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

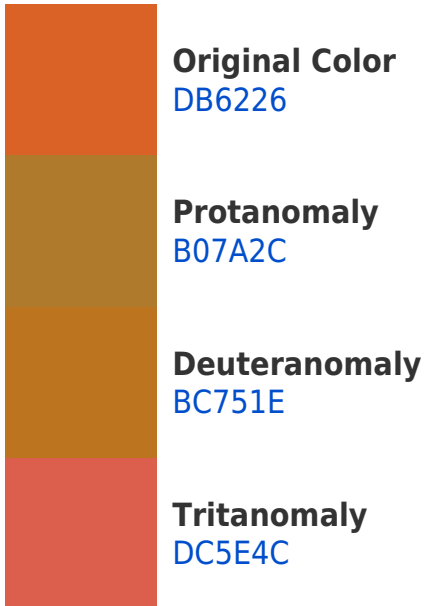


Original Color
DB6226

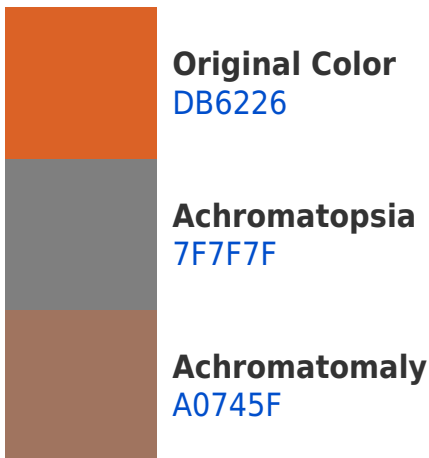
Protanopia
978730

Deuteranopia
AA801A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB6226 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 #DB6226 looks like.

```
.text, #text, p{  
    color:#DB6226  
}
```

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 #DB6226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6226
}
```

Border

The CSS property to change the border of an element to Hex DB6226 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
#DB6226 }
```

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

```
.border{ border-color:#DB6226 }
```

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

Here you see how a box with a 4 pixel #DB6226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6226; -webkit-box-shadow:4px 4px  
4px 4px #DB6226; box-shadow:4px 4px 4px  
4px #DB6226 }
```

Background

The CSS property to change the background color of an element to Hex DB6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6226 }
```

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

```
.background{ background-color:#DB6226 }
```

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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