

Converting Colors

Hex(DB6112)

Have a look what the booklet for
Hex(DB6112) contains.

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Color

Hex(DB6112)

Conversions

Conversions Part 1

Format	Color
Hex	DB6112
RGB	219, 97, 18
RGB Percent	86%, 38%, 7%
CMY	0.1412, 0.6196, 0.9294
CMYK	0.00, 0.56, 0.92, 0.14
HSL	24°, 85%, 46%
HSV	24°, 92%, 86%
XYZ	33.5973, 23.6531, 3.3670
YIQ	124.4720, 98.0710, 1.2950

Conversions

Conversions Part 2

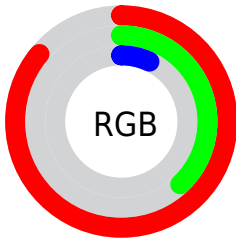
Format	Color
R _Y B	219, 148, 18
Decimal	14377234
CIE Lab	55.74, 44.31, 60.91
CIE LCh	56, 75.324, 53.966
Yxy	23.6531, 0.5543, 0.3902
Android (android.graphics.Color)	4292567314 (0xFFDB6112)
YUV	124.4720, -52.4907, 82.9011
Hunter-Lab	48.6345, 38.1996, 29.9394

Details

The Hex color **DB6112** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **128CDB**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9649**, and **9C2D00** is the 20% darker color. If you saturate the color by 10%, you get **DB5600**, and if you desaturate by 10%, it is **DB6E28**.

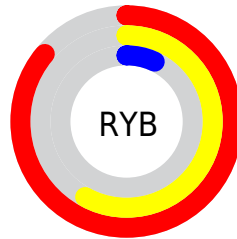
Distribution



Red (86%)

Green (38%)

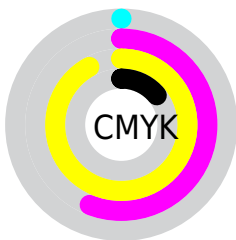
Blue (7%)



Red (86%)

Yellow (58%)

Blue (7%)

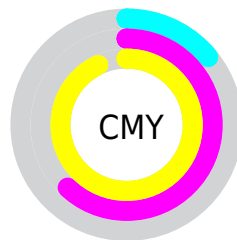


Cyan (0%)

Magenta (56%)

Yellow (92%)

Black (14%)



Cyan (14%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB6112 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 DB6112 by changing the saturation by 10% instead.

 DB6112

 DB6112

FFFFFF

 BB4700

 FF9649

 9C2D00

 FF8264

 7D0E00

 FFCE7E

 5F0000

 FFE899

 420000

 FFFF80

 270001

 FFFF60

 000000

 FFFF30

 DB6112

 DB6112

■ DB5600

■ DB6E28

■ DB7C3E

■ DB8954

■ DB966A

■ DBA37F

■ DBB195

■ DBBEAB

■ DBCBC1

■ DBD9D7

Harmonies

Analogous

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



F53F55



DB6112



AC7E00

Triad

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



DB6112



00A176



617AFE

Complementary

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



DB6112



128CDB

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.



0092FF



DB6112



00A2B9

Square

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



DB6112



009C31



009EEF



C658D4

Rectangle

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



DB6112



858C00



009EEF



0083FF

Sweetspot

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



DB6112



FFD4B8



DB128E



806554



000000



808080

Same Dimension

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



DB6112



FF6400



DBC412



6E6763



AD4400



2E1200

Inverse Universe

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



128CDB



009BFF



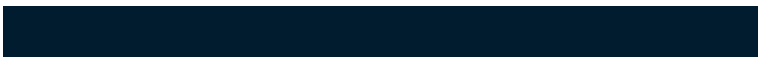
1229DB



63696E



0069AD



001C2E

Previews

White Background



This preview shows how the Hex color DB6112 looks on a white background.

Color Contrast Check

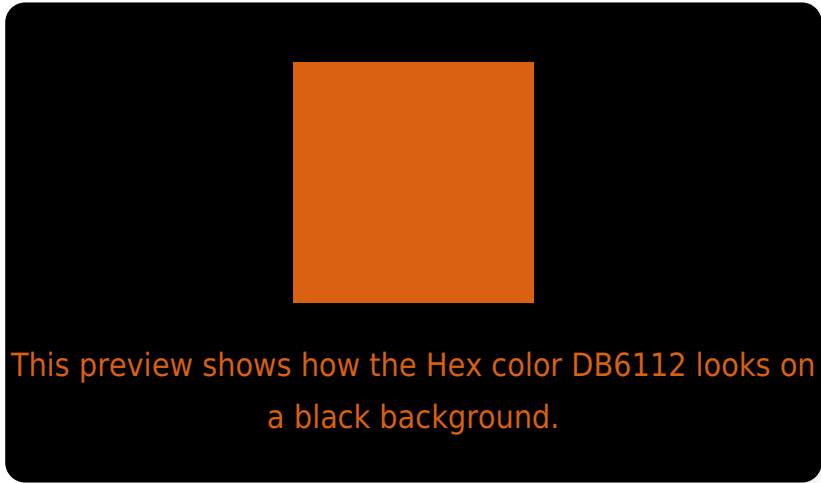
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB6112 Background



This preview shows how black text looks on a background with the Hex color DB6112.



This preview shows how white text looks on a background with the Hex color DB6112.

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
DB6112

Protanopia
97861C

Deuteranopia
A97F00

Trichromacy



Original Color
DB6112

Protanomaly
B07918

Deuteranomaly
BB7407

Tritanomaly
DC5D44

Monochromacy



Original Color
DB6112

Achromatopsia
7C7C7C

Achromatomaly
9F7255

CSS Examples

Text

The CSS property to change the color of the text to Hex DB6112 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 #DB6112 looks like.

```
.text, #text, p{
  color:#DB6112
}
```

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 #DB6112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6112
}
```

Border

The CSS property to change the border of an element to Hex DB6112 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
#DB6112 }
```

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

```
.border{ border-color:#DB6112 }
```

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

Here you see how a box with a 4 pixel #DB6112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6112; -webkit-box-shadow:4px 4px  
4px 4px #DB6112; box-shadow:4px 4px 4px  
4px #DB6112 }
```

Background

The CSS property to change the background color of an element to Hex DB6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6112 }
```

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

```
.background{ background-color:#DB6112 }
```

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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