

Converting Colors

Hex(DB620E)

Have a look what the booklet for
Hex(DB620E) contains.

Hex(DB620E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DB620E)

Conversions

Conversions Part 1

Format	Color
Hex	DB620E
RGB	219, 98, 14
RGB Percent	86%, 38%, 5%
CMY	0.1412, 0.6157, 0.9451
CMYK	0.00, 0.55, 0.94, 0.14
HSL	25°, 88%, 46%
HSV	25°, 94%, 86%
XYZ	33.6604, 23.8271, 3.2405
YIQ	124.6030, 99.0800, -0.4720

Conversions

Conversions Part 2

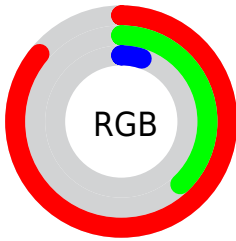
Format	Color
RYB	219, 156, 14
Decimal	14377486
CIELab	55.91, 43.77, 62.01
CIElCh	56, 75.905, 54.781
Yxy	23.8271, 0.5543, 0.3924
Android (android.graphics.Color)	4292567566 (0xFFDB620E)
YUV	124.6030, -54.5273, 82.7862
Hunter-Lab	48.8131, 37.6667, 30.2332

Details

The Hex color **DB620E** 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 **0E87DB**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9747**, and **9C2E00** is the 20% darker color. If you saturate the color by 10%, you get **DB5A00**, and if you desaturate by 10%, it is **DB6F24**.

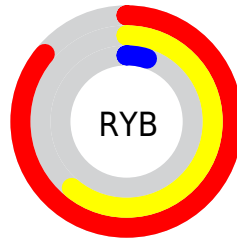
Distribution



Red (86%)

Green (38%)

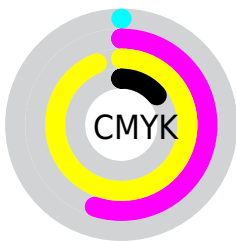
Blue (5%)



Red (86%)

Yellow (61%)

Blue (5%)

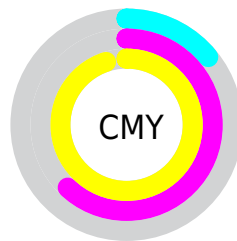


Cyan (0%)

Magenta (55%)

Yellow (94%)

Black (14%)



Cyan (14%)

Magenta (62%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB620E 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 DB620E by changing the saturation by 10% instead.

 DB620E

 DB620E

FFFFFF

 BB4800

 FF9747

 9C2E00

 FFB362

 7D1000

 FFCF7C

 5F0000

 FFEC97

 420000

 FFFFB3

 270001

 FFFFCE

 000000

 FFFFEC

 DB620E

 DB620E

■ DB5A00

■ DB6F24

■ DB7C3A

■ DB8950

■ DB9666

■ DBA37B

■ DBB091

■ DBBCA7

■ DBC9BD

■ DBD6D3

Harmonies

Analogous

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



F64053



DB620E



AC7F00

Triad

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



DB620E



00A278



657AFF

Complementary

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



DB620E



0E87DB

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



DB620E



00A3BC

Square

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



DB620E



009D32



009FF2



C957D3

Rectangle

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



DB620E



848D00



009FF2



0083FF

Sweetspot

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



DB620E



FFD5B8



DB0E89



806654



000000



808080

Same Dimension

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



DB620E



FF6800



DBC60E



6E6763



AD4700



2E1300

Inverse Universe

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



0E87DB



0097FF



0E22DB



63696E



0066AD



001B2E

Previews

White Background



This preview shows how the Hex color DB620E 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 DB620E Background



This preview shows how black text looks on a background with the Hex color DB620E.



This preview shows how white text looks on a background with the Hex color DB620E.

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
DB620E

Protanopia
978719

Deuteranopia
AA8000



Tritanopia
DE5B61

Trichromacy



Original Color
DB620E

Protanomaly
B07A15

Deuteranomaly
BC7505

Tritanomaly
DD5E43

Monochromacy



Original Color
DB620E

Achromatopsia
7D7D7D

Achromatomaly
9F7355

CSS Examples

Text

The CSS property to change the color of the text to Hex DB620E 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 #DB620E looks like.

```
.text, #text, p{  
    color:#DB620E  
}
```

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 #DB620E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB620E
}
```

Border

The CSS property to change the border of an element to Hex DB620E is called "border". The border property can be set on classes, ids or directly on the HTML element.

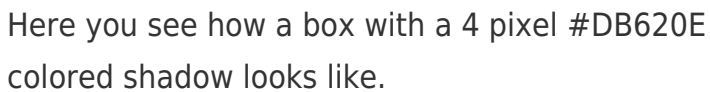
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB620E }
```

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

```
.border{ border-color:#DB620E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #DB620E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB620E; -webkit-box-shadow:4px 4px  
4px 4px #DB620E; box-shadow:4px 4px 4px  
4px #DB620E }
```

Background

The CSS property to change the background color of an element to Hex DB620E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB620E }
```

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

```
.background{ background-color:#DB620E }
```

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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