

Converting Colors

Hex(D6602B)

Have a look what the booklet for
Hex(D6602B) contains.

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Color

Hex(D6602B)

Conversions

Conversions Part 1

Format	Color
Hex	D6602B
RGB	214, 96, 43
RGB Percent	84%, 38%, 17%
CMY	0.1608, 0.6235, 0.8314
CMYK	0.00, 0.55, 0.80, 0.16
HSL	19°, 68%, 50%
HSV	19°, 80%, 84%
XYZ	32.3505, 22.8363, 4.9883
YIQ	125.2400, 87.3410, 8.5330

Conversions

Conversions Part 2

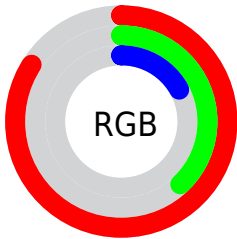
Format	Color
R_{YB}	214, 120, 43
Decimal	14049323
CIE _{Lab}	54.90, 43.48, 50.68
CIE _{LCh}	55, 66.780, 49.373
Yxy	22.8363, 0.5376, 0.3795
Android (android.graphics.Color)	4292239403 (0xFFD6602B)
YUV	125.2400, -40.5443, 77.8425
Hunter-Lab	47.7873, 37.2108, 27.2621

Details

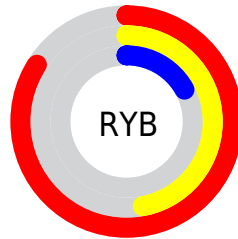
The Hex color **D6602B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2BA1D6**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF955D**, and **982C00** is the 20% darker color. If you saturate the color by 10%, you get **D65116**, and if you desaturate by 10%, it is **D66F40**.

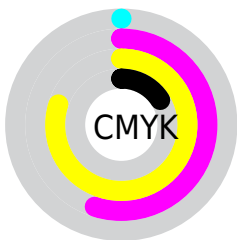
Distribution



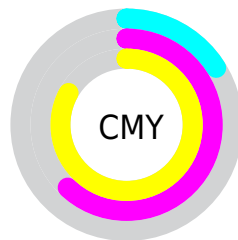
- Red (84%)
- Green (38%)
- Blue (17%)



- Red (84%)
- Yellow (47%)
- Blue (17%)



- Cyan (0%)
- Magenta (55%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (62%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6602B 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 D6602B by changing the saturation by 10% instead.

 D6602B

 D6602B

FFFFFF

 B74611

 FF955D

 982C00

 FFB176

 7A0D00

 FFCD91

 5C0000

 FFEAAC

 3F0000

 FFFFC7

 230001

 FFFFE4

 000000

 D6602B

 D6602B

 D65116

 D66F40

 D64200

 D67E56

 D68C6B

 D69B81

 D6AA96

 D6B9AB

 D6C7C1

 D6D6D6

 D6E5EC

Harmonies

Analogous

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



E94861



D6602B



AF7900

Triad

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



D6602B



009C6C



527DF1

Complementary

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



D6602B



2BA1D6

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.



0090F6



D6602B



009EA8

Square

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



D6602B



2B9731



009ADB



B461D0

Rectangle

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



D6602B



8D8700



009ADB



0084F6

Sweetspot

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



D6602B



FFD5C2



D62BA3



80665B



000000



808080

Same Dimension

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



D6602B



FF560A



D6B42B



6B6460



AB3500



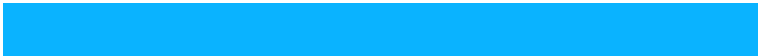
2B0D00

Inverse Universe

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



2BA1D6



0AB3FF



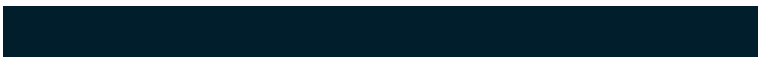
2B4DD6



60686B



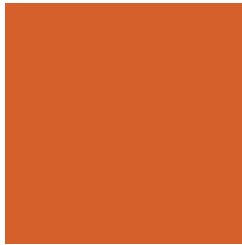
0076AB



001E2B

Previews

White Background



This preview shows how the Hex color D6602B looks on a white background.

Color Contrast Check

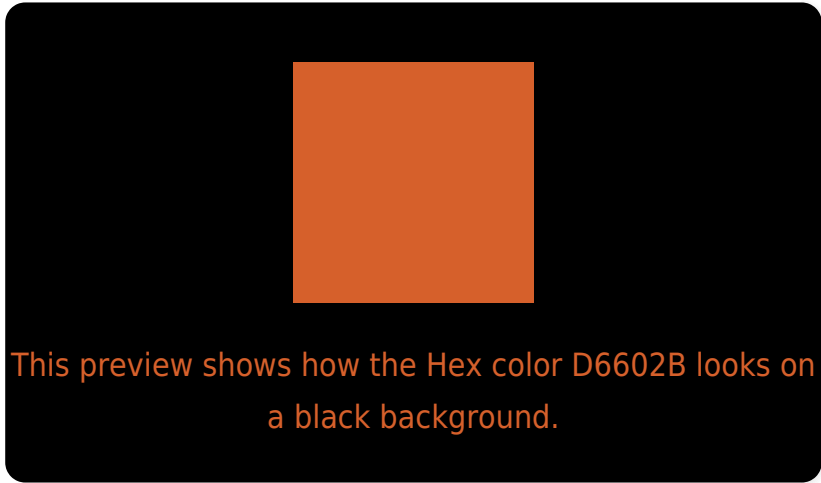
Large Text (above 18pt) WCAG AA ✓ Pass

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 D6602B Background



This preview shows how black text looks on a background with the Hex color D6602B.




This preview shows how white text looks on a background with the Hex color D6602B.

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





Tritanopia
D85A60

Trichromacy



Original Color
D6602B

Protanomaly
AB7731

Deuteranomaly
B77225

Tritanomaly
D75C4D

Monochromacy



Original Color
D6602B

Achromatopsia
7D7D7D

Achromatomaly
9D725F

CSS Examples

Text

The CSS property to change the color of the text to Hex D6602B 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 #D6602B looks like.

```
.text, #text, p{  
    color:#D6602B  
}
```

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 #D6602B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6602B
}
```

Border

The CSS property to change the border of an element to Hex D6602B 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
#D6602B }
```

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

```
.border{ border-color:#D6602B }
```

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

Here you see how a box with a 4 pixel #D6602B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6602B; -webkit-box-shadow:4px 4px  
4px 4px #D6602B; box-shadow:4px 4px 4px  
4px #D6602B }
```

Background

The CSS property to change the background color of an element to Hex D6602B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6602B }
```

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

```
.background{ background-color:#D6602B }
```

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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