

Converting Colors

Hex(D5621B)

Have a look what the booklet for
Hex(D5621B) contains.

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Color

Hex(D5621B)

Conversions

Conversions Part 1

Format	Color
Hex	D5621B
RGB	213, 98, 27
RGB Percent	84%, 38%, 11%
CMY	0.1647, 0.6157, 0.8941
CMYK	0.00, 0.54, 0.87, 0.16
HSL	23°, 78%, 47%
HSV	23°, 87%, 84%
XYZ	32.0061, 22.9606, 3.7818
YIQ	124.2910, 91.3310, 2.2990

Conversions

Conversions Part 2

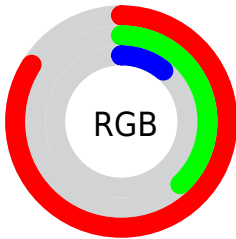
Format	Color
R_{YB}	213, 142, 27
Decimal	13984283
CIE _{Lab}	55.03, 41.69, 57.21
CIE _{LCh}	55, 70.790, 53.923
Yxy	22.9606, 0.5448, 0.3908
Android (android.graphics.Color)	4292174363 (0xFFD5621B)
YUV	124.2910, -47.9645, 77.7978
Hunter-Lab	47.9173, 35.3730, 28.8626

Details

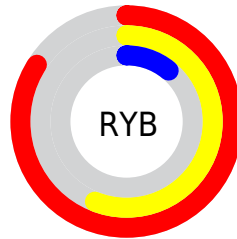
The Hex color **D5621B** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1B8ED5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF974F**, and **972E00** is the 20% darker color. If you saturate the color by 10%, you get **D55506**, and if you desaturate by 10%, it is **D56F30**.

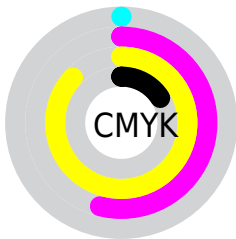
Distribution



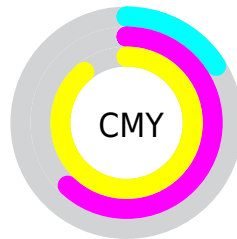
- Red (84%)
- Green (38%)
- Blue (11%)



- Red (84%)
- Yellow (56%)
- Blue (11%)



- Cyan (0%)
- Magenta (54%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5621B 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 D5621B by changing the saturation by 10% instead.

 D5621B

 D5621B

FFFFFF

 B64800

 FF974F

 972E00

 FF269

 781200

 FFCF83

 5B0000

 FFEB9E

 3E0000

 FFFFBA

 220001

 FFFFD6

 000000

 FFFFF3

 D5621B

 D5621B

 D55506

 D56F30

 D55100

 D57C46

 D58A5B

 D59770

 D5A485

 D5B19B

 D5BEB0

 D5CBC5

 D5D9DB

Harmonies

Analogous

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



ED4556



D5621B



A97D00

Triad

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



D5621B



009E75



6479F5

Complementary

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



D5621B



1B8ED5

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.



008FFF



D5621B



009FB4

Square

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



D5621B



009935



009BE7



C05ACD

Rectangle

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



D5621B



848A00



009BE7



0F82FC

Sweetspot

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



D5621B



FFD6BD



D51B91



806758



000000



808080

Same Dimension

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



D5621B



FF6100



D5BC1B



6B6460



AB4100



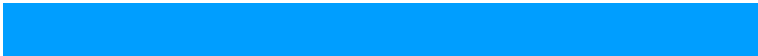
2B1100

Inverse Universe

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



1B8ED5



009EFF



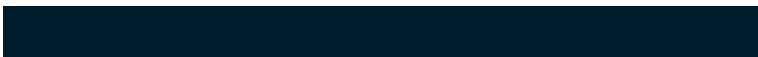
1B34D5



60676B



006AAB



001B2B

Previews

White Background



This preview shows how the Hex color D5621B looks on a white background.

Color Contrast Check

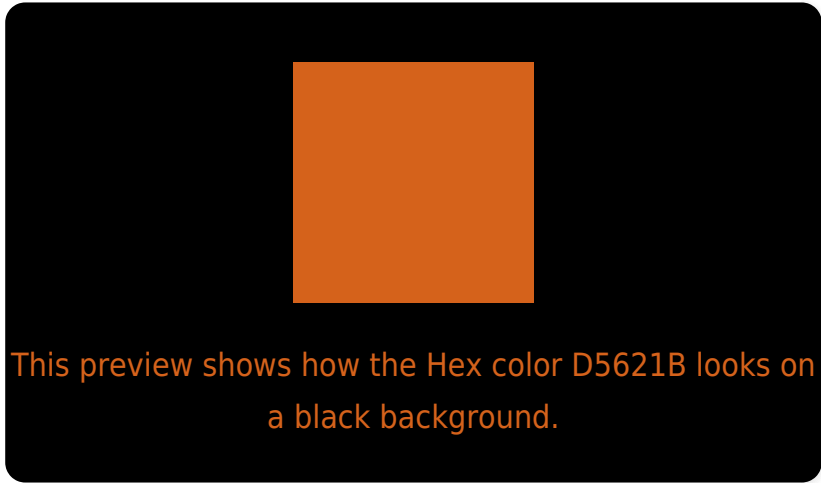
Large Text (above 18pt) WCAG AA ✓ Pass

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 D5621B Background



This preview shows how black text looks on a background with the Hex color D5621B.



This preview shows how white text looks on a background with the Hex color D5621B.

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
D5621B

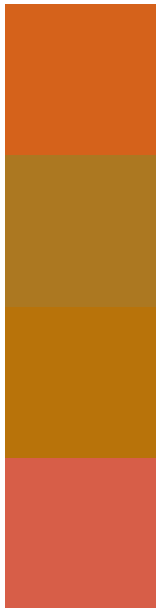
Protanopia
948524

Deuteranopia
A77D00



Tritanopia
D85C62

Trichromacy



Original Color
D5621B

Protanomaly
AC7821

Deuteranomaly
B8730A

Tritanomaly
D75E48

Monochromacy



Original Color
D5621B

Achromatopsia
7C7C7C

Achromatomaly
9C7359

CSS Examples

Text

The CSS property to change the color of the text to Hex D5621B 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 #D5621B looks like.

```
.text, #text, p{  
    color:#D5621B  
}
```

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 #D5621B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5621B
}
```

Border

The CSS property to change the border of an element to Hex D5621B 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
#D5621B }
```

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

```
.border{ border-color:#D5621B }
```

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

Here you see how a box with a 4 pixel #D5621B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5621B; -webkit-box-shadow:4px 4px  
4px 4px #D5621B; box-shadow:4px 4px 4px  
4px #D5621B }
```

Background

The CSS property to change the background color of an element to Hex D5621B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5621B }
```

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

```
.background{ background-color:#D5621B }
```

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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