

Converting Colors

Hex(D31B15)

Have a look what the booklet for
Hex(D31B15) contains.

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Color

Hex(D31B15)

Conversions

Conversions Part 1

Format	Color
Hex	D31B15
RGB	211, 27, 21
RGB Percent	83%, 11%, 8%
CMY	0.1725, 0.8941, 0.9176
CMYK	0.00, 0.87, 0.90, 0.17
HSL	2°, 82%, 45%
HSV	2°, 90%, 83%
XYZ	27.3913, 14.6869, 2.1006
YIQ	81.3320, 111.5900, 37.1420

Conversions

Conversions Part 2

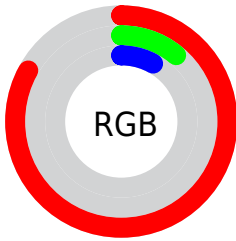
Format	Color
RYB	211, 27, 21
Decimal	13835029
CIELab	45.20, 66.46, 51.88
CIElCh	45, 84.313, 37.976
Yxy	14.6869, 0.6200, 0.3324
Android (android.graphics.Color)	4292025109 (0xFFD31B15)
YUV	81.3320, -29.7437, 113.7188
Hunter-Lab	38.3235, 60.5147, 23.5766

Details

The Hex color **D31B15** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **15CDD3**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5F45**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D30700**, and if you desaturate by 10%, it is **D32F2A**.

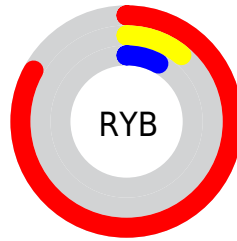
Distribution



Red (83%)

Green (11%)

Blue (8%)



Red (83%)

Yellow (11%)

Blue (8%)

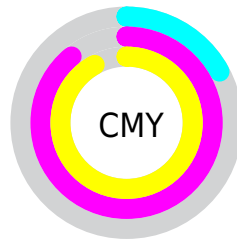


Cyan (0%)

Magenta (87%)

Yellow (90%)

Black (17%)



Cyan (17%)

Magenta (89%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D31B15 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 D31B15 by changing the saturation by 10% instead.

 D31B15

 D31B15

FFFFFF

 B30000

 FF5F45

 920000

 FF7C5D

 730000

 FF9977

 540002

 FFB691

 360002

 FFD4AC

 070000

 FFF2C7

 000000

 FFFFE4

 D31B15

 D31B15

 D30700

 D32F2A

 D3443F

 D35854

 D36D69

 D3817F

 D39694

 D3AAA9

 D3BEBE

 D3D3D3

Harmonies

Analogous

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



E1005C



D31B15



AB5300

Triad

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



D31B15



008431



006FF9

Complementary

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



D31B15



15CDD3

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.



0081EF



D31B15



00877D

Square

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



D31B15



0F7D00



0087C1



7D4CDC

Rectangle

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



D31B15



876700



0087C1



0077FB

Sweetspot

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



D31B15



FFBCBA



D315D0



805857



000000



808080

Same Dimension

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



D31B15



FF0800



D37715



695E5E



A80500



290100

Inverse Universe

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



15CDD3



00F7FF



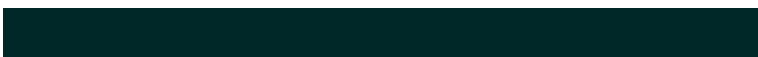
1571D3



5E6869



00A3A8



002829

Previews

White Background



This preview shows how the Hex color D31B15 looks on a white background.

Color Contrast Check

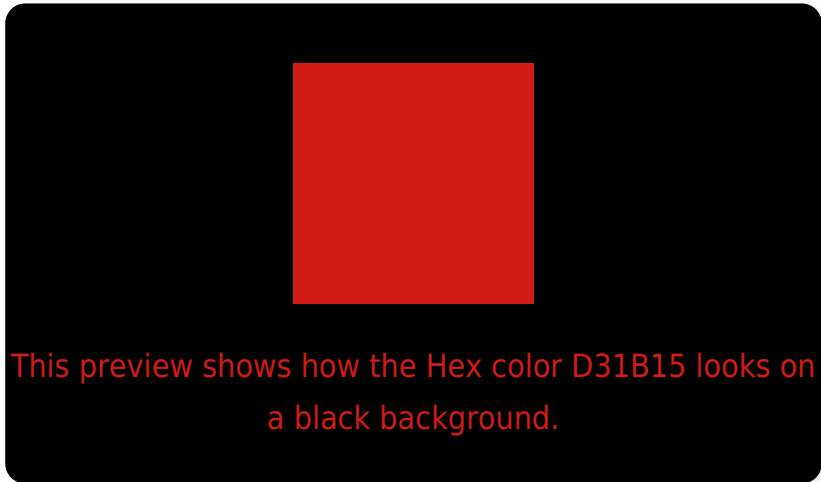
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D31B15 Background



This preview shows how black text looks on a background with the Hex color D31B15.



This preview shows how white text looks on a background with the Hex color D31B15.

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
D31B15

Protanopia
796C26

Tritanopia
D31B16

Trichromacy



Original Color
D31B15

Protanomaly
9A4F20

Tritanomaly
D31B16

Monochromacy



Original Color
D31B15

Achromatopsia
515151

Achromatomaly
803D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex D31B15 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 #D31B15 looks like.

```
.text, #text, p{  
    color:#D31B15  
}
```

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 #D31B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D31B15
}
```

Border

The CSS property to change the border of an element to Hex D31B15 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
#D31B15 }
```

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

```
.border{ border-color:#D31B15 }
```

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

Here you see how a box with a 4 pixel #D31B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D31B15; -webkit-box-shadow:4px 4px  
4px 4px #D31B15; box-shadow:4px 4px 4px  
4px #D31B15 }
```

Background

The CSS property to change the background color of an element to Hex D31B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D31B15 }
```

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

```
.background{ background-color:#D31B15 }
```

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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