

Converting Colors

Hex(D21515)

Have a look what the booklet for
Hex(D21515) contains.

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Color

Hex(D21515)

Conversions

Conversions Part 1

Format	Color
Hex	D21515
RGB	210, 21, 21
RGB Percent	82%, 8%, 8%
CMY	0.1765, 0.9176, 0.9176
CMYK	0.00, 0.90, 0.90, 0.18
HSL	0°, 82%, 45%
HSV	0°, 90%, 82%
XYZ	26.9819, 14.2921, 2.0460
YIQ	77.5110, 112.6440, 40.0680

Conversions

Conversions Part 2

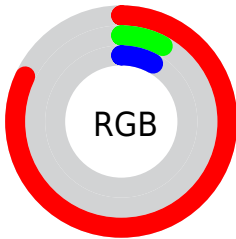
Format	Color
RYB	210, 21, 21
Decimal	13767957
CIELab	44.65, 67.19, 51.40
CIELCh	45, 84.595, 37.412
Yxy	14.2921, 0.6229, 0.3299
Android (android.graphics.Color)	4291958037 (0xFFD21515)
YUV	77.5110, -27.8599, 116.1929
Hunter-Lab	37.8049, 61.2392, 23.2546

Details

The Hex color **D21515** 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 **15D2D2**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5D44**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D20000**, and if you desaturate by 10%, it is **D22A2A**.

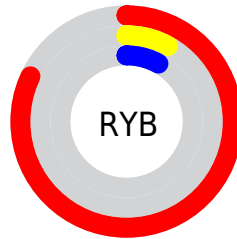
Distribution



Red (82%)

Green (8%)

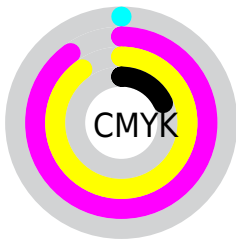
Blue (8%)



Red (82%)

Yellow (8%)

Blue (8%)

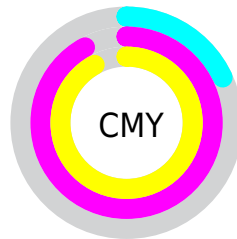


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (92%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D21515 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 D21515 by changing the saturation by 10% instead.

 D21515

 D21515

FFFFFF

 B20000

 FF5D44

 910000

 FF7A5D

 720000

 FF9776

 530002

 FFB490

 350002

 FFD1AB

 030000

 FFEFC7

 000000

 FFFF E3

 D21515

 D21515

 D20000

 D22A2A

 D23F3F

 D25454

 D26969

 D27E7E

 D29393

 D2A8A8

 D2BDBD

 D2D2D2

Harmonies

Analogous

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



DF005C



D21515



AB5000

Triad

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



D21515



00822E



006EF8

Complementary

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



D21515



15D2D2

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.



0080EE



D21515



00857A

Square

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



D21515



107C00



0085BF



794BDC

Rectangle

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



D21515



866500



0085BF



0076F9

Sweetspot

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



D21515



FFBABA



D215D2



805757



000000



808080

Same Dimension

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



D21515



FF0000



D27415



695E5E



A80000



290000

Inverse Universe

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



15D2D2



00FFFF



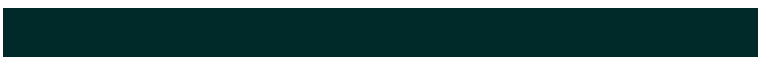
1574D2



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color D21515 looks on a white background.

Color Contrast Check

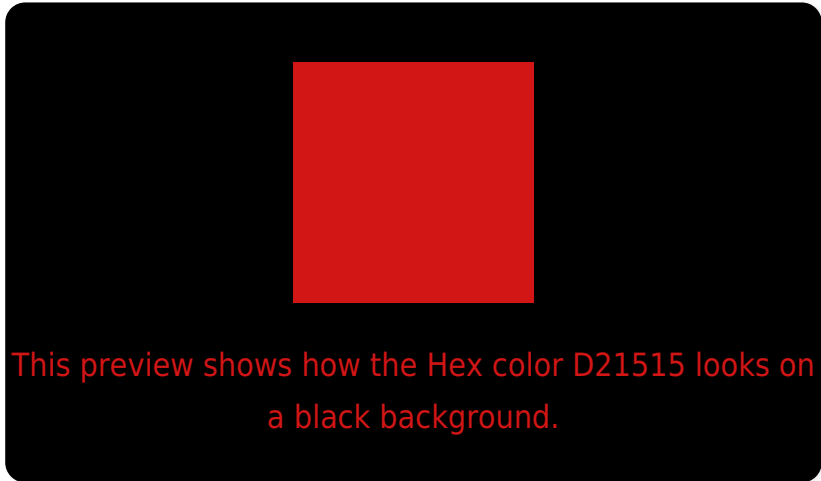
Large Text (above 18pt) WCAG AA ✓ Pass

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 D21515 Background



This preview shows how black text looks on a background with the Hex color D21515.



This preview shows how white text looks on a background with the Hex color D21515.

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
D21515

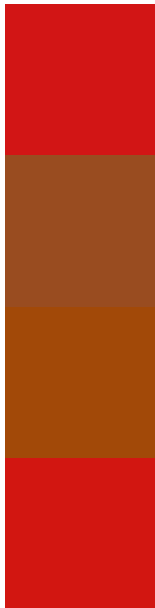
Protanopia
786B27

Deuteranopia
876600



Tritanopia
D2160E

Trichromacy



Original Color
D21515

Protanomaly
994C20

Deuteranomaly
A24908

Tritanomaly
D21611

Monochromacy



Original Color
D21515

Achromatopsia
4E4E4E

Achromatomaly
7E3939

CSS Examples

Text

The CSS property to change the color of the text to Hex D21515 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 #D21515 looks like.

```
.text, #text, p{  
    color:#D21515  
}
```

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 #D21515 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D21515
}
```

Border

The CSS property to change the border of an element to Hex D21515 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".

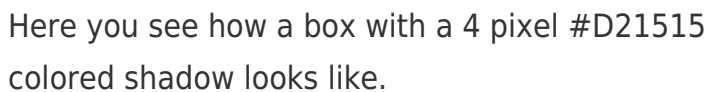
```
.border, #border, table{ border:4px solid
#D21515 }
```

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

```
.border{ border-color:#D21515 }
```

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

Here you see how a box with a 4 pixel #D21515 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #D21515 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D21515; -webkit-box-shadow:4px 4px  
4px 4px #D21515; box-shadow:4px 4px 4px  
4px #D21515 }
```

Background

The CSS property to change the background color of an element to Hex D21515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D21515 }
```

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

```
.background{ background-color:#D21515 }
```

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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