

Converting Colors

Hex(D21C00)

Have a look what the booklet for
Hex(D21C00) contains.

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Color

Hex(D21C00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D21C00 |
| RGB | 210, 28, 0 |
| RGB Percent | 82%, 11%, 0% |
| CMY | 0.1765, 0.8902, 1.0000 |
| CMYK | 0.00, 0.87, 1.00, 0.18 |
| HSL | 8°, 100%, 41% |
| HSV | 8°, 100%, 82% |
| XYZ | 26.9936, 14.5321, 1.3823 |
| YIQ | 79.2260, 117.4600, 29.8760 |

Conversions

Conversions Part 2

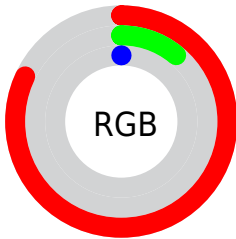
| Format | Color |
|-------------------------------------|--|
| RYB | 210, 32, 0 |
| Decimal | 13769728 |
| CIELab | 44.99, 65.78, 58.49 |
| CIELCh | 45, 88.029, 41.642 |
| Yxy | 14.5321, 0.6291, 0.3387 |
| Android (android.graphics.Color) | 4291959808 (0xFFD21C00) |
| YUV | 79.2260, -39.0584, 114.6888 |
| Hunter-Lab | 38.1211, 59.6844, 24.5349 |

Details

The Hex color **D21C00** 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 **00B6D2**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5F37**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D21C00**, and if you desaturate by 10%, it is **D22E15**.

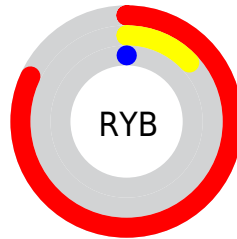
Distribution



Red (82%)

Green (11%)

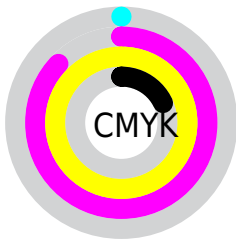
Blue (0%)



Red (82%)

Yellow (13%)

Blue (0%)

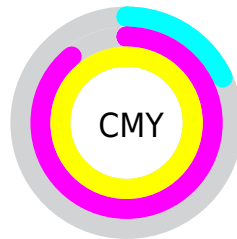


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D21C00 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 D21C00 by changing the saturation by 10% instead.

 D21C00

 D21C00

 FFFFF2

 B20000

 FF5F37

 910000

 FF7C50

 710000

 FF9969

 530002

 FFB683

 350002

 FFD49E

 030000

 FFF1B9

 000000

 FFFF5D

 D21C00

 D22E15

 D2402A

 D2533F

 D26554

 D27769

 D2897E

 D29B93

 D2AEA8

 D2C0BD

Harmonies

Analogous

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



E40052



D21C00



A65500

Triad

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



D21C00



008538



006CFE

Complementary

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



D21C00



00B6D2

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.



0080F8



D21C00



008786

Square

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



D21C00



007E00



0087CC



8A43DA

Rectangle

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



D21C00



7F6900



0087CC



0074FF

Sweetspot

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



D21C00



FFBDB3



D200B6



805852



000000



808080

Same Dimension

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



D21C00



FF2200



D28500



695F5E



A81600



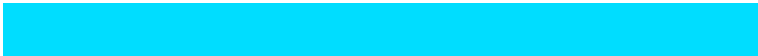
290500

Inverse Universe

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



00B6D2



00DDFF



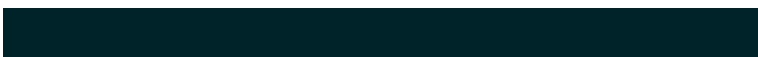
004DD2



5E6769



0092A8



002329

Previews

White Background



This preview shows how the Hex color D21C00 looks on a white background.

Color Contrast Check

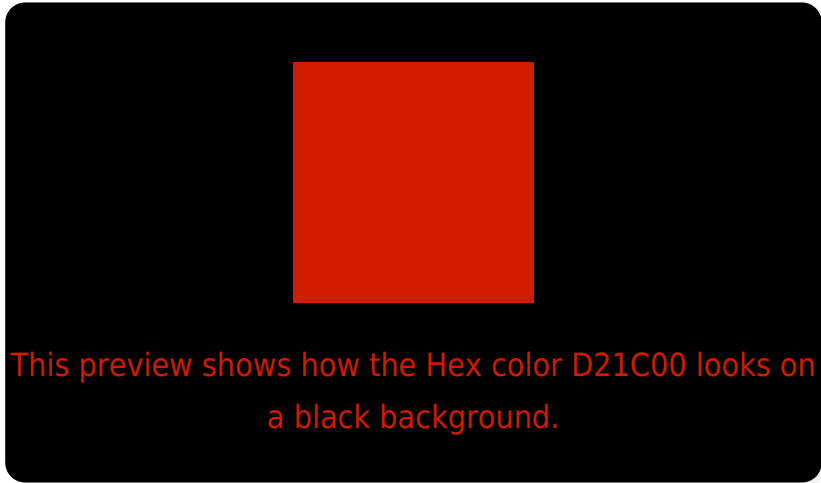
Large Text (above 18pt) WCAG AA ✓ Pass

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 D21C00 Background



This preview shows how black text looks on a background with the Hex color D21C00.



This preview shows how white text looks on a background with the Hex color D21C00.

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
D21C00

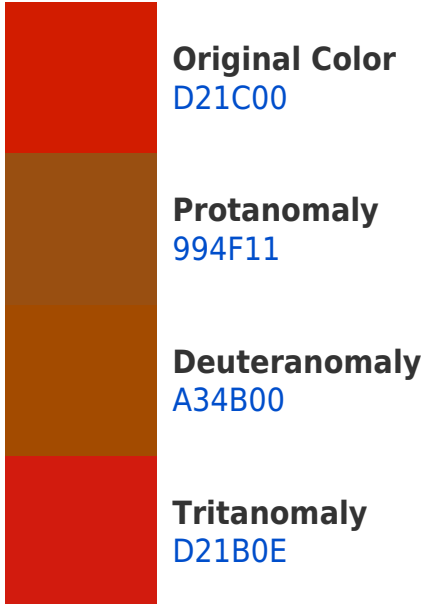
Protanopia
796C1A

Deuteranopia
886600

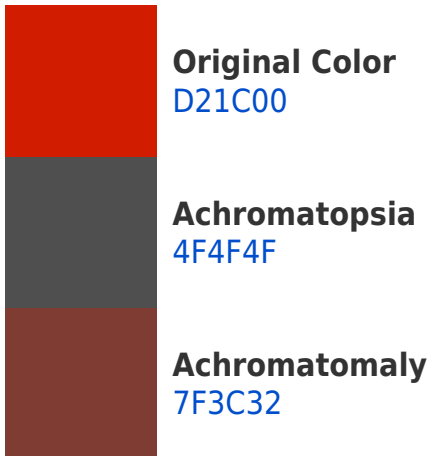


Tritanopia
D21B16

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D21C00 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 #D21C00 looks like.

```
.text, #text, p{  
    color:#D21C00  
}
```

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 #D21C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D21C00
}
```

Border

The CSS property to change the border of an element to Hex D21C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

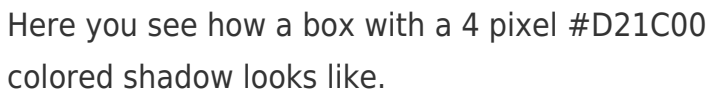
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D21C00 }
```

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

```
.border{ border-color:#D21C00 }
```

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



Here you see how a box with a 4 pixel `#D21C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D21C00; -webkit-box-shadow:4px 4px  
4px 4px #D21C00; box-shadow:4px 4px 4px  
4px #D21C00 }
```

Background

The CSS property to change the background color of an element to Hex D21C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D21C00 }
```

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

```
.background{ background-color:#D21C00 }
```

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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