

# Converting Colors

Hex(D71C15)

Have a look what the booklet for  
Hex(D71C15) contains.

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# Color

Hex(D71C15)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D71C15
RGB	215, 28, 21
RGB Percent	84%, 11%, 8%
CMY	0.1569, 0.8902, 0.9176
CMYK	0.00, 0.87, 0.90, 0.16
HSL	2°, 82%, 46%
HSV	2°, 90%, 84%
XYZ	28.5749, 15.3317, 2.1627
YIQ	83.1150, 113.6990, 37.4670

# Conversions

## Conversions Part 2

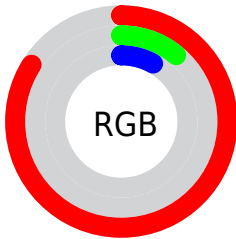
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">215, 28, 21</a>
Decimal	<a href="#">14097429</a>
CIELab	<a href="#">46.09, 67.35, 52.88</a>
CIElCh	<a href="#">46, 85.625, 38.139</a>
Yxy	<a href="#">15.3317, 0.6203, 0.3328</a>
Android (android.graphics.Color)	<a href="#">4292287509</a> ( <a href="#">0xFFD71C15</a> )
YUV	<a href="#">83.1150, -30.6227, 115.6631</a>
Hunter-Lab	<a href="#">39.1557, 61.7426, 24.1342</a>

# Details

The Hex color **D71C15** 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 **15D0D7**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF6045**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D70800**, and if you desaturate by 10%, it is **D7312B**.

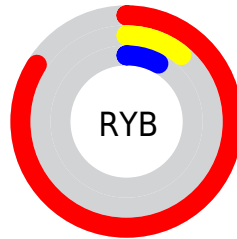
# Distribution



Red (84%)

Green (11%)

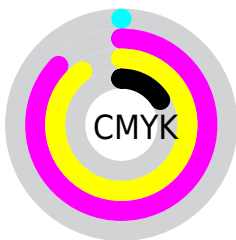
Blue (8%)



Red (84%)

Yellow (11%)

Blue (8%)

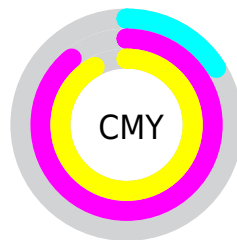


Cyan (0%)

Magenta (87%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (89%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D71C15 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 D71C15 by changing the saturation by 10% instead.



 D71C15

 D71C15

FFFFFF

 B60000

 FF6045

 960000

 FF7E5E

 760000

 FF9B77

 570001


 FFB891

 3A0002

 FFD5AC

 120000

 FFF3C8

 000000

 FFFFE4

 D71C15

 D71C15

 D70800

 D7312B

 D74540

 D75A56

 D76F6B

 D78481

 D79896

 D7ADAC

 D7C2C1

 D7D7D7

# Harmonies

## Analogous

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



E5005D



D71C15



AF5400

# Triad

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



D71C15



008733



0071FE

# Complementary

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



D71C15



15D0D7

# 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.



0083F4



D71C15



008980

# Square

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



D71C15



0D8000



0089C5



804DE0

# Rectangle

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



D71C15



896900



0089C5



0079FF



# Sweetspot

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



D71C15



FFBDBA



D715D1



805857



000000



808080



# Same Dimension

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



D71C15



FF0900



D77C15



6B6160



AB0600



2B0200



# Inverse Universe

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



15D0D7



00F6FF



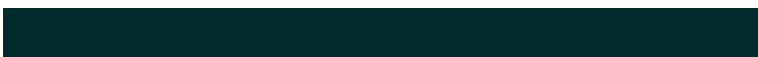
1570D7



606B6B



00A5AB



002A2B



# Previews

## White Background



This preview shows how the Hex color D71C15 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 D71C15 Background



This preview shows how black text looks on a background with the Hex color D71C15.



This preview shows how white text looks on a background with the Hex color D71C15.

# 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**  
D71C15

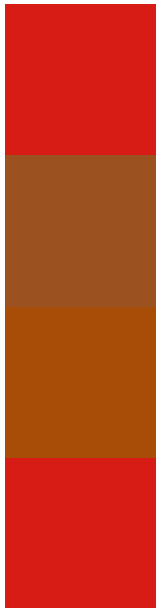
**Protanopia**  
7B6F27

**Deuteranopia**  
8B6900



**Tritanopia**  
D71C17

# Trichromacy



**Original Color**  
D71C15

**Protanomaly**  
9C5120

**Deuteranomaly**  
A74D08

**Tritanomaly**  
D71C16

# Monochromacy



**Original Color**  
D71C15

**Achromatopsia**  
535353

**Achromatomaly**  
833F3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D71C15 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 #D71C15 looks like.

```
.text, #text, p{  
    color:#D71C15  
}
```

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 #D71C15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D71C15 }  
}
```

## Border

The CSS property to change the border of an element to Hex D71C15 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".

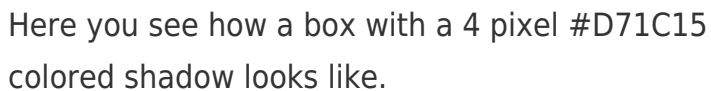
```
.border, #border, table{ border:4px solid #D71C15 }  
}
```

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

```
.border{ border-color:#D71C15 }
```

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

Here you see how a box with a 4 pixel #D71C15 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D71C15; -webkit-box-shadow:4px 4px  
4px 4px #D71C15; box-shadow:4px 4px 4px  
4px #D71C15 }
```

# Background

The CSS property to change the background color of an element to Hex D71C15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D71C15 }
```

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

```
.background{ background-color:#D71C15 }
```

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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