

Converting Colors

Hex(D71A15)

Have a look what the booklet for
Hex(D71A15) contains.

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Color

Hex(D71A15)

Conversions

Conversions Part 1

Format	Color
Hex	D71A15
RGB	215, 26, 21
RGB Percent	84%, 10%, 8%
CMY	0.1569, 0.8980, 0.9176
CMYK	0.00, 0.88, 0.90, 0.16
HSL	2°, 82%, 46%
HSV	2°, 90%, 84%
XYZ	28.5291, 15.2400, 2.1474
YIQ	81.9410, 114.2490, 38.5130

Conversions

Conversions Part 2

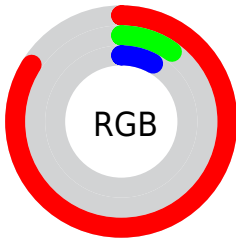
Format	Color
RYB	215, 26, 21
Decimal	14096917
CIELab	45.96, 67.70, 52.79
CIElCh	46, 85.852, 37.947
Yxy	15.2400, 0.6213, 0.3319
Android (android.graphics.Color)	4292286997 (0xFFD71A15)
YUV	81.9410, -30.0439, 116.6927
Hunter-Lab	39.0384, 62.1295, 24.0655

Details

The Hex color **D71A15** 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 **15D2D7**, and the grayscale version is **525252**.

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 **D70600**, and if you desaturate by 10%, it is **D72F2B**.

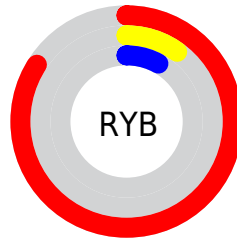
Distribution



Red (84%)

Green (10%)

Blue (8%)



Red (84%)

Yellow (10%)

Blue (8%)

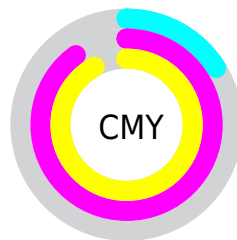


Cyan (0%)

Magenta (88%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (90%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D71A15 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 D71A15 by changing the saturation by 10% instead.

 D71A15

 D71A15

FFFFFF

 B60000

 FF6045

 960000

 FF7D5E

 760000

 FF9A77

 570002

 FFB791

 3A0002

 FFD5AC

 110000

 FFF2C8

 000000

 FFFFE4

 D71A15

 D71A15

 D70600

 D72F2B

 D74440

 D75956

 D76E6B

 D78381

 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



D71A15



AF5400

Triad

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



D71A15



008632



0071FE

Complementary

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



D71A15



15D2D7

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



D71A15



00897F

Square

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



D71A15



0D7F00



0089C5



7F4DE0

Rectangle

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



D71A15



896900



0089C5



0079FF

Sweetspot

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



D71A15



FFBCBA



D715D4



805857



000000



808080

Same Dimension

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



D71A15



FF0700



D77915



6B6160



AB0400



2B0100

Inverse Universe

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



15D2D7



00F8FF



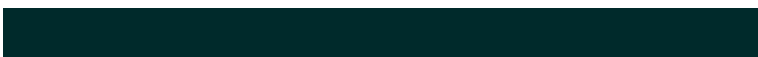
1573D7



606B6B



00A6AB



002A2B

Previews

White Background



This preview shows how the Hex color D71A15 looks on a white background.

Color Contrast Check

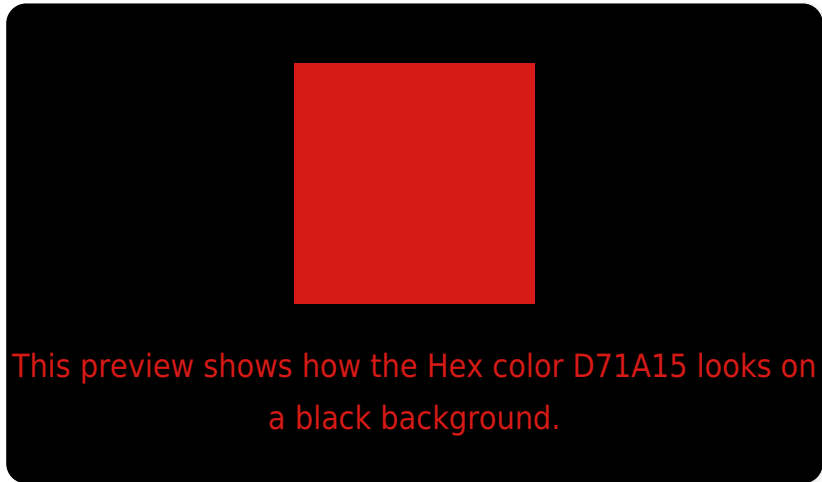
Large Text (above 18pt) WCAG AA ✓ Pass

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 D71A15 Background



This preview shows how black text looks on a background with the Hex color D71A15.



This preview shows how white text looks on a background with the Hex color D71A15.

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
D71A15

Protanopia
7B6E27

Deuteranopia
8B6800



Tritanopia
D71A15

Trichromacy



Original Color
D71A15

Protanomaly
9C4F20

Deuteranomaly
A74C08

Tritanomaly
D71A15

Monochromacy



Original Color
D71A15

Achromatopsia
525252

Achromatomaly
823E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex D71A15 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 #D71A15 looks like.

```
.text, #text, p{  
    color:#D71A15  
}
```

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 #D71A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D71A15 }  
}
```

Border

The CSS property to change the border of an element to Hex D71A15 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".

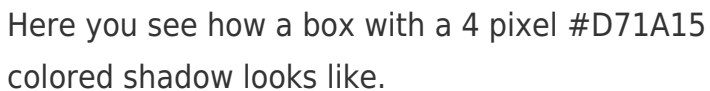
```
.border, #border, table{ border:4px solid #D71A15 }  
}
```

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

```
.border{ border-color:#D71A15 }
```

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

Here you see how a box with a 4 pixel #D71A15 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D71A15; -webkit-box-shadow:4px 4px  
4px 4px #D71A15; box-shadow:4px 4px 4px  
4px #D71A15 }
```

Background

The CSS property to change the background color of an element to Hex D71A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D71A15 }
```

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

```
.background{ background-color:#D71A15 }
```

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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