

Converting Colors

Hex(D70D18)

Have a look what the booklet for
Hex(D70D18) contains.

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Color

Hex(D70D18)

Conversions

Conversions Part 1

Format	Color
Hex	D70D18
RGB	215, 13, 24
RGB Percent	84%, 5%, 9%
CMY	0.1569, 0.9490, 0.9059
CMYK	0.00, 0.94, 0.89, 0.16
HSL	357°, 89%, 45%
HSV	357°, 94%, 84%
XYZ	28.3331, 14.8009, 2.2277
YIQ	74.6520, 116.8610, 46.2450

Conversions

Conversions Part 2

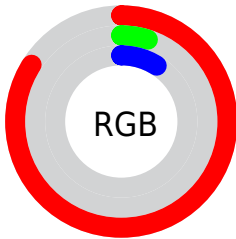
Format	Color
RYB	215, 13, 24
Decimal	14093592
CIELab	45.36, 69.52, 51.09
CIElCh	45, 86.278, 36.312
Yxy	14.8009, 0.6246, 0.3263
Android (android.graphics.Color)	4292283672 (0xFFD70D18)
YUV	74.6520, -24.9714, 123.0852
Hunter-Lab	38.4719, 64.1328, 23.4972

Details

The Hex color **D70D18** 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 **0DD7CC**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B47**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D7000C**, and if you desaturate by 10%, it is **D7232C**.

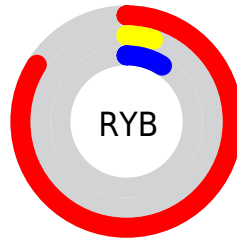
Distribution



Red (84%)

Green (5%)

Blue (9%)



Red (84%)

Yellow (5%)

Blue (9%)

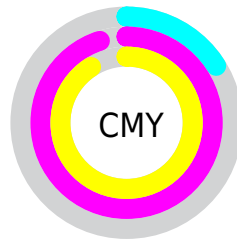


Cyan (0%)

Magenta (94%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D70D18 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 D70D18 by changing the saturation by 10% instead.

 D70D18

 D70D18

FFFFFF

 B60000

 FF5B47

 960000

 FF7960

 760000

 FF9679

 570002

 FFB393

 390002

 FFD1AE

 100000

 FFEFCA

 000000

 FFFF66

 D70D18

 D70D18

 D7000C

 D7232C

 D73841

 D74E55

 D76369

 D7797E

 D78E92

 D7A4A6

 D7B9BB

 D7CFCF

Harmonies

Analogous

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



E30060



D70D18



B05000

Triad

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



D70D18



00852B



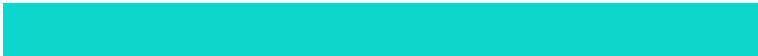
0071FE

Complementary

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



D70D18



0DD7CC

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.



0082F1



D70D18



008779

Square

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



D70D18



187D00



0088C0



764EE2

Rectangle

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



D70D18



8B6600



0088C0



0079FE

Sweetspot

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



D70D18



FFB8BB



CA0DD7



805457



000000



808080

Same Dimension

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



D70D18



FF000E



D7650D



6B6061



AB0009



2B0002

Inverse Universe

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



D70D18



FF000E



0D7FD7



6B6061



AB0009



2B0002

Previews

White Background



This preview shows how the Hex color D70D18 looks on a white background.

Color Contrast Check

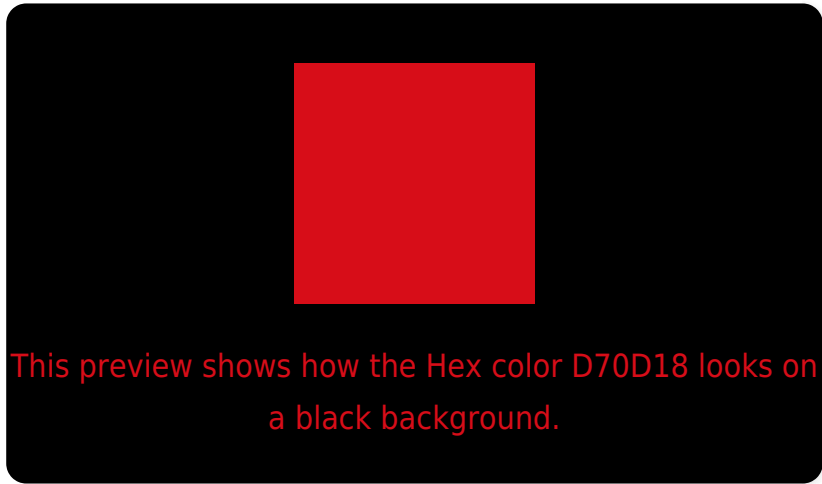
Large Text (above 18pt) WCAG AA ✓ Pass

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 D70D18 Background



This preview shows how black text looks on a background with the Hex color D70D18.



This preview shows how white text looks on a background with the Hex color D70D18.

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
D70D18

Protanopia
796D2B

Deuteranopia
896700

Trichromacy



Original Color
D70D18

Protanomaly
9B4A24

Deuteranomaly
A54609

Monochromacy



Original Color
D70D18

Achromatopsia
4B4B4B

Achromatomaly
7E3438

CSS Examples

Text

The CSS property to change the color of the text to Hex D70D18 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 #D70D18 looks like.

```
.text, #text, p{  
    color:#D70D18  
}
```

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 #D70D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D70D18
}
```

Border

The CSS property to change the border of an element to Hex D70D18 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".

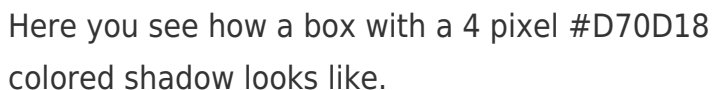
```
.border, #border, table{ border:4px solid
#D70D18 }
```

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

```
.border{ border-color:#D70D18 }
```

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

Here you see how a box with a 4 pixel #D70D18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D70D18; -webkit-box-shadow:4px 4px  
4px 4px #D70D18; box-shadow:4px 4px 4px  
4px #D70D18 }
```

Background

The CSS property to change the background color of an element to Hex D70D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D70D18 }
```

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

```
.background{ background-color:#D70D18 }
```

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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