

Converting Colors

Hex(DD0F22)

Have a look what the booklet for
Hex(DD0F22) contains.

Hex(DD0F22)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DD0F22)

Conversions

Conversions Part 1

Format	Color
Hex	DD0F22
RGB	221, 15, 34
RGB Percent	87%, 6%, 13%
CMY	0.1333, 0.9412, 0.8667
CMYK	0.00, 0.93, 0.85, 0.13
HSL	354°, 87%, 46%
HSV	354°, 93%, 87%
XYZ	30.2784, 15.8293, 2.9729
YIQ	78.7600, 116.6770, 49.5810

Conversions

Conversions Part 2

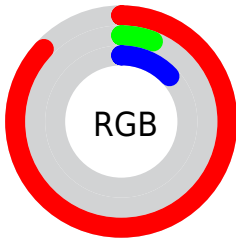
Format	Color
RYB	221, 15, 34
Decimal	14487330
CIELab	46.75, 71.01, 47.97
CIELCh	47, 85.691, 34.038
Yxy	15.8293, 0.6169, 0.3225
Android (android.graphics.Color)	4292677410 (0xFFDD0F22)
YUV	78.7600, -22.0667, 124.7445
Hunter-Lab	39.7860, 66.2182, 23.4200

Details

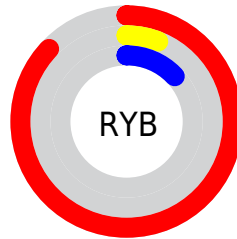
The Hex color **DD0F22** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **0FDDCA**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5D51**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DD0014**, and if you desaturate by 10%, it is **DD2536**.

Distribution



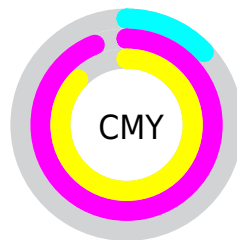
- Red (87%)
- Green (6%)
- Blue (13%)



- Red (87%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD0F22 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 DD0F22 by changing the saturation by 10% instead.

 DD0F22

 DD0F22

FFFFFF

 BC000B

 FF5D51

 9C0000

 FF7B69

 7C0000

 FF9883

 5C0002

 FFB69D

 3F0003

 FFD4B8

 1B0001

 FFF2D4

 000000

 FFFFF1

 DD0F22

 DD0F22

■ DD0014

■ DD2536

■ DD3B4A

■ DD515E

■ DD6772

■ DD7E86

■ DD949A

■ DDAAAE

■ DDC0C2

■ DDD6D7

Harmonies

Analogous

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



E70069



DD0F22



B75100

Triad

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



DD0F22



008828



0076FF

Complementary

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



DD0F22



0FDDCA

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.



0086F2



DD0F22



008B77

Square

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



DD0F22



2C8000



008BBF



7055E8

Rectangle

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



DD0F22



946700



008BBF



007DFF

Sweetspot

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



DD0F22



FFB8BE



C80FDD



805458



000000



808080

Same Dimension

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



DD0F22



FF0018



DD610F



6E6364



AD0010



2E0004

Inverse Universe

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



DD0F22



FF0018



0F8BDD



6E6364



AD0010



2E0004

Previews

White Background



This preview shows how the Hex color DD0F22 looks on a white background.

Color Contrast Check

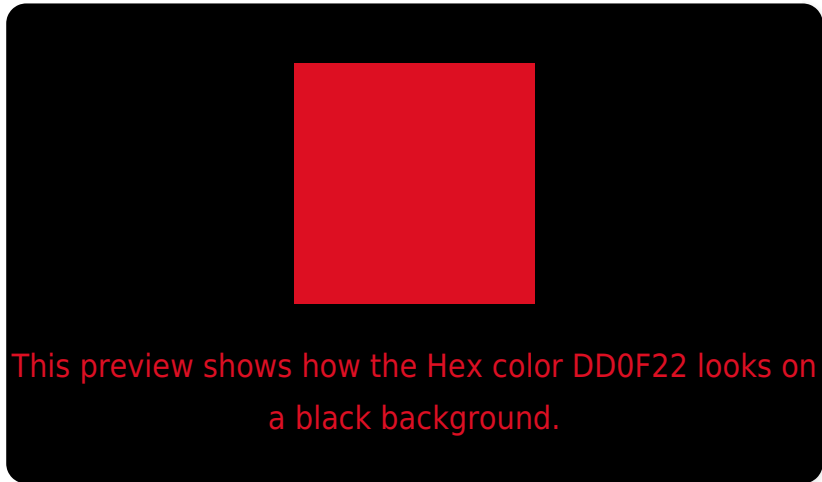
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0F22 Background



This preview shows how black text looks on a background with the Hex color DD0F22.



This preview shows how white text looks on a background with the Hex color DD0F22.

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
DD0F22

Protanopia
7C7037

Deuteranopia
8E6A00

Trichromacy



Original Color
DD0F22

Protanomaly
9F4D2F

Deuteranomaly
AB490C

Tritanomaly
DD1211

Monochromacy



Original Color
DD0F22

Achromatopsia
4F4F4F

Achromatomaly
83383F

CSS Examples

Text

The CSS property to change the color of the text to Hex DD0F22 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 #DD0F22 looks like.

```
.text, #text, p{  
    color:#DD0F22  
}
```

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 #DD0F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0F22
}
```

Border

The CSS property to change the border of an element to Hex DD0F22 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".

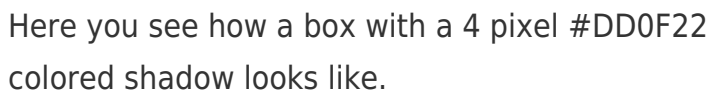
```
.border, #border, table{ border:4px solid
#DD0F22 }
```

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

```
.border{ border-color:#DD0F22 }
```

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

Here you see how a box with a 4 pixel #DD0F22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0F22; -webkit-box-shadow:4px 4px  
4px 4px #DD0F22; box-shadow:4px 4px 4px  
4px #DD0F22 }
```

Background

The CSS property to change the background color of an element to Hex DD0F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0F22 }
```

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

```
.background{ background-color:#DD0F22 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor