

Converting Colors

Hex(DD2012)

Have a look what the booklet for
Hex(DD2012) contains.

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Color

Hex(DD2012)

Conversions

Conversions Part 1

Format	Color
Hex	DD2012
RGB	221, 32, 18
RGB Percent	87%, 13%, 7%
CMY	0.1333, 0.8745, 0.9294
CMYK	0.00, 0.86, 0.92, 0.13
HSL	4°, 85%, 47%
HSV	4°, 92%, 87%
XYZ	30.4445, 16.4488, 2.1426
YIQ	86.9150, 117.1380, 35.7140

Conversions

Conversions Part 2

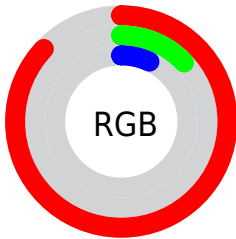
Format	Color
RYB	221, 33, 18
Decimal	14491666
CIELab	47.56, 68.15, 55.59
CIELCh	48, 87.944, 39.203
Yxy	16.4488, 0.6209, 0.3354
Android (android.graphics.Color)	4292681746 (0xFFDD2012)
YUV	86.9150, -33.9751, 117.5925
Hunter-Lab	40.5572, 63.0170, 25.2578

Details

The Hex color **DD2012** 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 **12CFDD**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6443**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DD0F00**, and if you desaturate by 10%, it is **DD3528**.

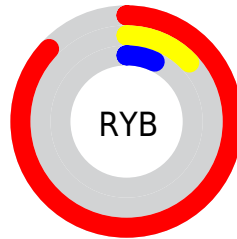
Distribution



Red (87%)

Green (13%)

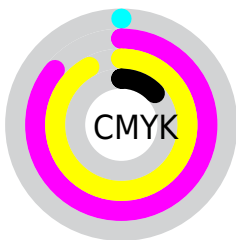
Blue (7%)



Red (87%)

Yellow (13%)

Blue (7%)

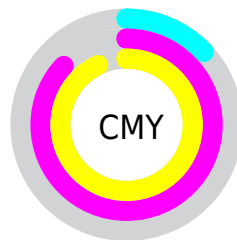


Cyan (0%)

Magenta (86%)

Yellow (92%)

Black (13%)



Cyan (13%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD2012 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 DD2012 by changing the saturation by 10% instead.

 DD2012

 DD2012

FFFFFF

 BC0000

 FF6443

 9C0000

 FF815C

 7C0000

 FF9E76

 5C0001

 FFBB90

 3F0003

 FFD9AB

 1C0001

 FFF7C7

 000000

 FFFF E3

 DD2012

 DD2012

 DD0F00

 DD3528

 DD493E

 DD5E54

 DD726A

 DD8781

 DD9B97

 DDB0AD

 DDC5C3

 DDD9D9

Harmonies

Analogous

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



ED005E



DD2012



B25900

Triad

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



DD2012



008B37



0074FF

Complementary

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



DD2012



12CFDD

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.



0087FE



DD2012



008E87

Square

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



DD2012



008400



008ECE



884EE6

Rectangle

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



DD2012



8C6E00



008ECE



007CFF

Sweetspot

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



DD2012



FFBDB8



DD12CF



805754



000000



808080

Same Dimension

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



DD2012



FF1200



DD8512



6E6363



AD0C00



2E0300

Inverse Universe

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



12CFDD



00EDFF



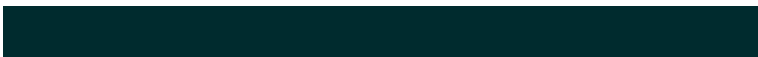
126ADD



636D6E



00A1AD



002B2E

Previews

White Background



This preview shows how the Hex color DD2012 looks on a white background.

Color Contrast Check

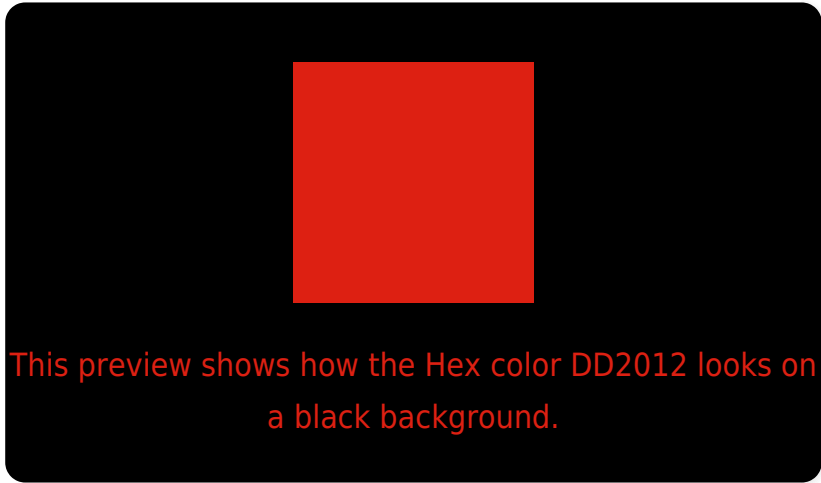
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD2012 Background



This preview shows how black text looks on a background with the Hex color DD2012.



This preview shows how white text looks on a background with the Hex color DD2012.

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



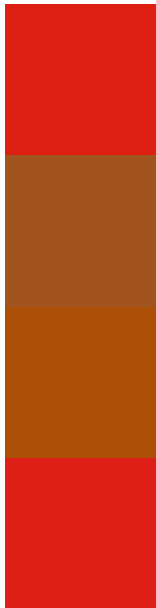
Original Color
DD2012

Protanopia
7F7224

Deuteranopia
906C00



Trichromacy



Original Color
DD2012

Protanomaly
A1541D

Deuteranomaly
AC5007

Tritanomaly
DD1F18

Monochromacy



Original Color
DD2012

Achromatopsia
575757

Achromatomaly
88433E

CSS Examples

Text

The CSS property to change the color of the text to Hex DD2012 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 #DD2012 looks like.

```
.text, #text, p{  
    color:#DD2012  
}
```

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 #DD2012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD2012
}
```

Border

The CSS property to change the border of an element to Hex DD2012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

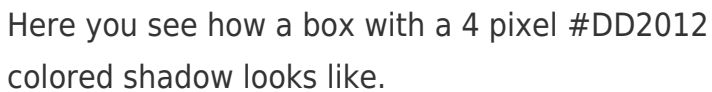
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DD2012 }
```

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

```
.border{ border-color:#DD2012 }
```

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



Here you see how a box with a 4 pixel #DD2012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD2012; -webkit-box-shadow:4px 4px  
4px 4px #DD2012; box-shadow:4px 4px 4px  
4px #DD2012 }
```

Background

The CSS property to change the background color of an element to Hex DD2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD2012 }
```

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

```
.background{ background-color:#DD2012 }
```

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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