

Converting Colors

Hex(DE1212)

Have a look what the booklet for
Hex(DE1212) contains.

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Color

Hex(DE1212)

Conversions

Conversions Part 1

Format	Color
Hex	DE1212
RGB	222, 18, 18
RGB Percent	87%, 7%, 7%
CMY	0.1294, 0.9294, 0.9294
CMYK	0.00, 0.92, 0.92, 0.13
HSL	0°, 85%, 47%
HSV	0°, 92%, 87%
XYZ	30.4497, 16.0059, 2.0568
YIQ	78.9960, 121.5840, 43.2480

Conversions

Conversions Part 2

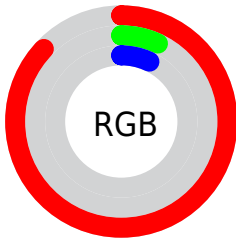
Format	Color
RYB	222, 18, 18
Decimal	14553618
CIELab	46.98, 70.65, 55.32
CIElCh	47, 89.734, 38.064
Yxy	16.0059, 0.6277, 0.3299
Android (android.graphics.Color)	4292743698 (0xFFDE1212)
YUV	78.9960, -30.0710, 125.4145
Hunter-Lab	40.0073, 65.8439, 24.9570

Details

The Hex color **DE1212** 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 **12DEDE**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5E43**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DE0000**, and if you desaturate by 10%, it is **DE2828**.

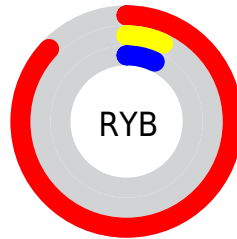
Distribution



Red (87%)

Green (7%)

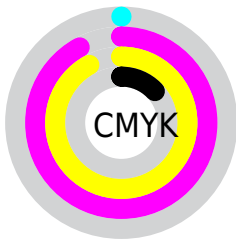
Blue (7%)



Red (87%)

Yellow (7%)

Blue (7%)

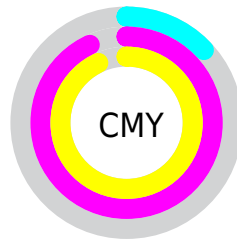


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (13%)



Cyan (13%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE1212 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 DE1212 by changing the saturation by 10% instead.

 DE1212

 DE1212

FFFFFF

 BD0000

 FF5E43

 9D0000

 FF7C5B

 7C0000

 FF9975

 5D0002

 FFB78F

 3F0003

 FFD4AA

 1C0001

 FFF2C6

 000000

 FFFF E2

 DE1212

 DE1212

 DE0000

 DE2828

 DE3E3E

 DE5555

 DE6B6B

 DE8181

 DE9797

 DEADAD

 DEC4C4

 DEDADA

Harmonies

Analogous

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



ED005F



DE1212



B35500

Triad

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



DE1212



008A31



0074FF

Complementary

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



DE1212



12DEDE

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



DE1212



008D83

Square

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



DE1212



008300



008DCC



824EE8

Rectangle

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



DE1212



8C6B00



008DCC



007CFF

Sweetspot

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



DE1212



FFB8B8



DE12DE



805454



000000



808080

Same Dimension

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



DE1212



FF0000



DE7812



706565



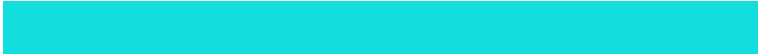
B00000



300000

Inverse Universe

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



12DEDE



00FFFF



1278DE



657070



00B0B0



003030

Previews

White Background



This preview shows how the Hex color DE1212 looks on a white background.

Color Contrast Check

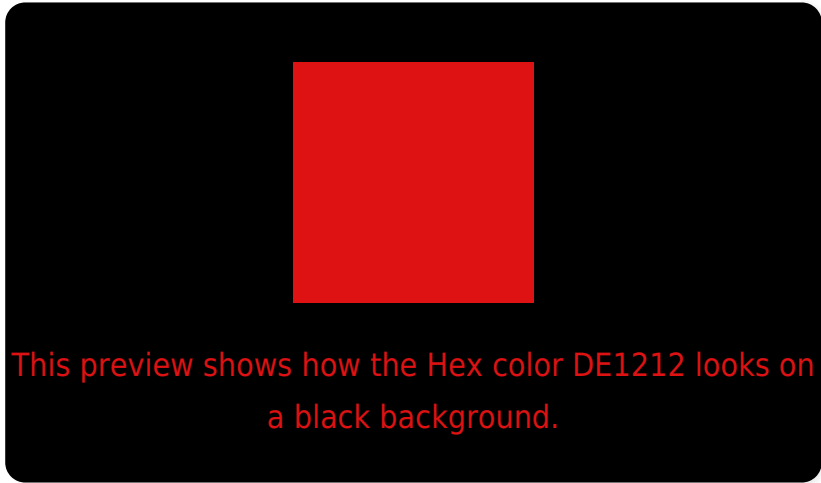
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE1212 Background



This preview shows how black text looks on a background with the Hex color DE1212.



This preview shows how white text looks on a background with the Hex color DE1212.

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
DE1212

Protanopia
7E7125

Deuteranopia
8E6B00



Tritanopia
DE1300

Trichromacy



Original Color
DE1212



Protanomaly
A14E1E



Deuteranomaly
AB4B07



Tritanomaly
DE1307

Monochromacy



Original Color
DE1212



Achromatopsia
4F4F4F



Achromatomaly
833939

CSS Examples

Text

The CSS property to change the color of the text to Hex DE1212 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 #DE1212 looks like.

```
.text, #text, p{  
    color:#DE1212  
}
```

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 #DE1212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE1212
}
```

Border

The CSS property to change the border of an element to Hex DE1212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

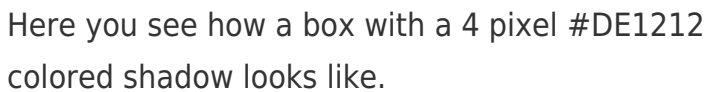
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE1212 }
```

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

```
.border{ border-color:#DE1212 }
```

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



Here you see how a box with a 4 pixel `#DE1212` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE1212; -webkit-box-shadow:4px 4px  
4px 4px #DE1212; box-shadow:4px 4px 4px  
4px #DE1212 }
```

Background

The CSS property to change the background color of an element to Hex DE1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE1212 }
```

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

```
.background{ background-color:#DE1212 }
```

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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