

Converting Colors

Hex(FD1200)

Have a look what the booklet for
Hex(FD1200) contains.

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Color

Hex(FD1200)

Conversions

Conversions Part 1

Format	Color
Hex	FD1200
RGB	253, 18, 0
RGB Percent	99%, 7%, 0%
CMY	0.0078, 0.9294, 1.0000
CMYK	0.00, 0.93, 1.00, 0.01
HSL	4°, 100%, 50%
HSV	4°, 100%, 99%
XYZ	40.7243, 21.3153, 1.9678
YIQ	86.2130, 145.8380, 44.2220

Conversions

Conversions Part 2

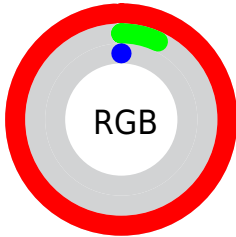
Format	Color
RYB	253, 19, 0
Decimal	16585216
CIELab	53.29, 78.27, 66.98
CIElCh	53, 103.018, 40.559
Yxy	21.3153, 0.6362, 0.3330
Android (android.graphics.Color)	4294775296 (0xFFFD1200)
YUV	86.2130, -42.5030, 146.2722
Hunter-Lab	46.1685, 76.6567, 29.7908

Details

The Hex color **FD1200** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00EBFD**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF643B**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FD1200**, and if you desaturate by 10%, it is **FD2A19**.

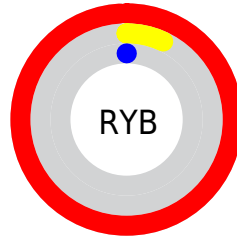
Distribution



Red (99%)

Green (7%)

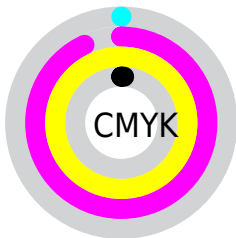
Blue (0%)



Red (99%)

Yellow (7%)

Blue (0%)

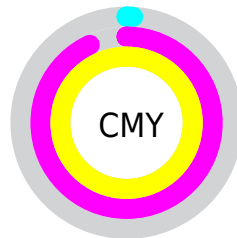


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD1200 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 FD1200 by changing the saturation by 10% instead.

 FD1200

 FD1200

 FFFFF9

 DB0000

 FF643B

 B90000

 FF8355

 980000

 FFA16E

 770001

 FFBF89

 580003

 FFDEA4

 390002

 FFFCC0

 0F0000

 FFFFDC

 000000

 FD1200

 FD2A19

 FD4133

 FD594C

 FD7065

 FD887F

 FD9F98

 FDB7B1

 FDCECA

 FDE6E4

Harmonies

Analogous

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



FF0065



FD1200



C96400

Triad

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



FD1200



009E3E



0082FF

Complementary

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



FD1200



00EBFD

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.



009AFF



FD1200



00A19E

Square

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



FD1200



009700



00A1F3



A051FF

Rectangle

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



FD1200



9A7D00



00A1F3



008CFF

Sweetspot

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



FD1200



FFB8B3



FD00EC



805552



000000



808080

Same Dimension

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



FD1200



FF1200



FD8F00



807473



BF0E00



400500

Inverse Universe

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



00EBFD



00EDFF



006EFD



737F80



00B2BF



003B40

Previews

White Background



This preview shows how the Hex color FD1200 looks on a white background.

Color Contrast Check

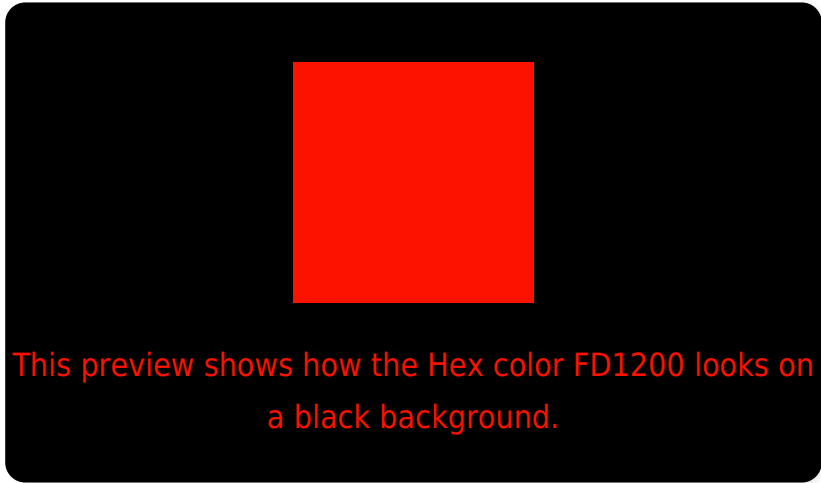
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FD1200 Background



This preview shows how black text looks on a background with the Hex color FD1200.



This preview shows how white text looks on a background with the Hex color FD1200.

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
FD1200

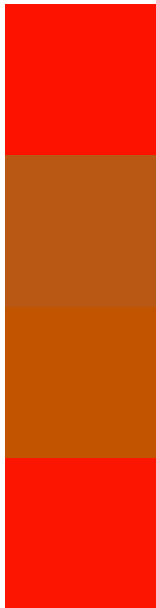
Protanopia
908020

Deuteranopia
A17A00



Tritanopia
FC1700

Trichromacy



Original Color
FD1200

Protanomaly
B85814

Deuteranomaly
C25400

Tritanomaly
FC1500

Monochromacy



Original Color
FD1200

Achromatopsia
565656

Achromatomaly
933D37

CSS Examples

Text

The CSS property to change the color of the text to Hex FD1200 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 #FD1200 looks like.

```
.text, #text, p{  
    color:#FD1200  
}
```

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 #FD1200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD1200 } }
```

Border

The CSS property to change the border of an element to Hex FD1200 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 #FD1200 } }
```

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

```
.border{ border-color:#FD1200 }
```

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

Here you see how a box with a 4 pixel #FD1200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD1200; -webkit-box-shadow:4px 4px  
4px 4px #FD1200; box-shadow:4px 4px 4px  
4px #FD1200 }
```

Background

The CSS property to change the background color of an element to Hex FD1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD1200 }
```

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

```
.background{ background-color:#FD1200 }
```

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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