

Converting Colors

Hex(FF1D00)

Have a look what the booklet for
Hex(FF1D00) contains.

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Color

Hex(F01D00)

Conversions

Conversions Part 1

Format	Color
Hex	FF1D00
RGB	255, 29, 0
RGB Percent	100%, 11%, 0%
CMY	0.0000, 0.8863, 1.0000
CMYK	0.00, 0.89, 1.00, 0.00
HSL	7°, 100%, 50%
HSV	7°, 100%, 100%
XYZ	41.6794, 22.1387, 2.0765
YIQ	93.2680, 144.0050, 38.8930

Conversions

Conversions Part 2

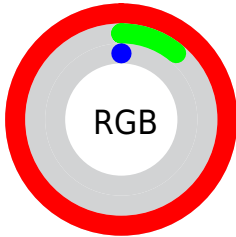
Format	Color
RYB	255, 33, 0
Decimal	16719104
CIELab	54.17, 77.39, 67.56
CIElCh	54, 102.730, 41.117
Yxy	22.1387, 0.6325, 0.3360
Android (android.graphics.Color)	4294909184 (0xFFFF1D00)
YUV	93.2680, -45.9811, 141.8390
Hunter-Lab	47.0518, 75.7779, 30.3197

Details

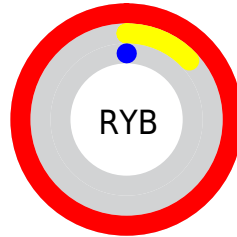
The Hex color **FF1D00** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00E2FF**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF683C**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FF1D00**, and if you desaturate by 10%, it is **FF3419**.

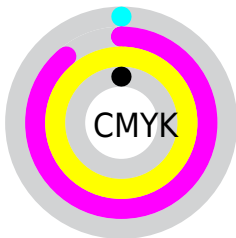
Distribution



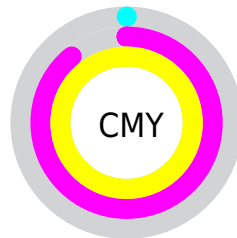
- Red (100%)
- Green (11%)
- Blue (0%)



- Red (100%)
- Yellow (13%)
- Blue (0%)



- Cyan (0%)
- Magenta (89%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF1D00 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 FF1D00 by changing the saturation by 10% instead.

 FF1D00

 FF1D00

 FFFFFB

 DD0000

 FF683C

 BB0000

 FF8755

 9A0000

 FFA56F

 7A0001

 FFC38A

 5A0003

 FFE1A5

 3B0002

 FFFFC1

 150000

 FFFFDD

 000000

 FF1D00

 FF3419

 FF4A33

 FF614D

 FF7766

 FF8E80

 FFA599

 FFBBB3

 FFD2CC

 FFE8E6

Harmonies

Analogous

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



FF0066



FF1D00



CA6700

Triad

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



FF1D00



00A143



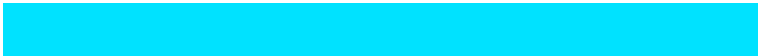
0084FF

Complementary

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



FF1D00



00E2FF

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.



009CFF



FF1D00



00A4A2

Square

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



FF1D00



009900



00A4F6



A553FF

Rectangle

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



FF1D00



9B8000



00A4F6



008EFF

Sweetspot

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



FF1D00



FFBBB3



FF00E6



805752



000000



808080

Same Dimension

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



FF1D00



FF9900



807473



BF1600



400700

Inverse Universe

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



00E2FF



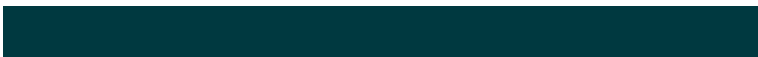
0066FF



737E80



00AABF



003940

Previews

White Background



This preview shows how the Hex color FF1D00 looks on a white background.

Color Contrast Check

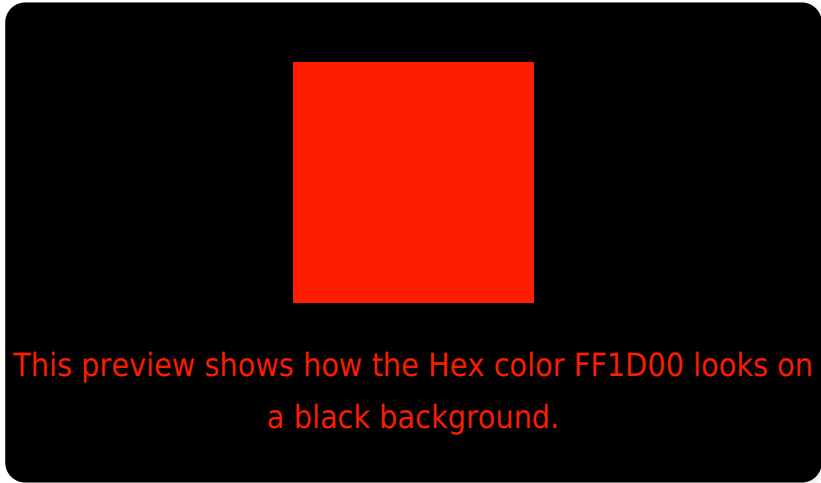
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF1D00 Background



This preview shows how black text looks on a background with the Hex color FF1D00.

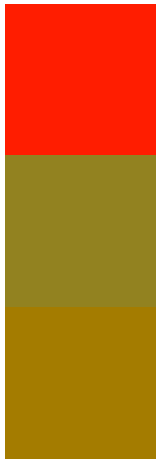


This preview shows how white text looks on a background with the Hex color FF1D00.

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
FF1D00

Protanopia
928220

Deuteranopia
A47C00



Tritanopia
FF1C14

Trichromacy



Original Color
FF1D00

Protanomaly
BA5D14

Deuteranomaly
C55900

Tritanomaly
FF1C0D

Monochromacy



Original Color
FF1D00

Achromatopsia
5D5D5D

Achromatomaly
98463B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF1D00 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 #FF1D00 looks like.

```
.text, #text, p{  
    color:#FF1D00  
}
```

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 #FF1D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1D00
}
```

Border

The CSS property to change the border of an element to Hex FF1D00 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
#FF1D00 }
```

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

```
.border{ border-color:#FF1D00 }
```

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

Here you see how a box with a 4 pixel #FF1D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1D00; -webkit-box-shadow:4px 4px  
4px 4px #FF1D00; box-shadow:4px 4px 4px  
4px #FF1D00 }
```

Background

The CSS property to change the background color of an element to Hex FF1D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1D00 }
```

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

```
.background{ background-color:#FF1D00 }
```

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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