

Converting Colors

Hex(1F4400)

Have a look what the booklet for
Hex(1F4400) contains.

Hex(1F4400)	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(1F4400)

Conversions

Conversions Part 1

Format	Color
Hex	1F4400
RGB	31, 68, 0
RGB Percent	12%, 27%, 0%
CMY	0.8784, 0.7333, 1.0000
CMYK	0.54, 0.00, 1.00, 0.73
HSL	93°, 100%, 13%
HSV	93°, 100%, 27%
XYZ	2.6322, 4.4256, 0.7155
YIQ	49.1850, -0.2240, -28.9920

Conversions

Conversions Part 2

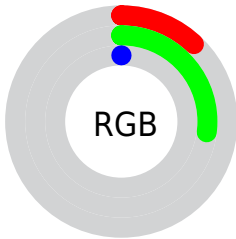
Format	Color
RYB	0, 68, 37
Decimal	2049024
CIELab	25.03, -25.58, 32.92
CIELCh	25, 41.696, 127.851
Yxy	4.4256, 0.3386, 0.5693
Android (android.graphics.Color)	4280239104 (0xFF1F4400)
YUV	49.1850, -24.2482, -15.9482
Hunter-Lab	21.0370, -14.4804, 12.7094

Details

The Hex color **1F4400** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **250044**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **507531**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **1F4400**, and if you desaturate by 10%, it is **234407**.

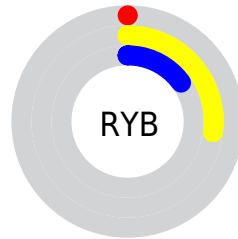
Distribution



Red (12%)

Green (27%)

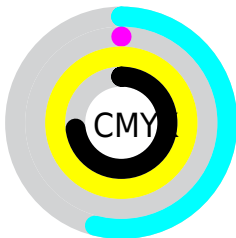
Blue (0%)



Red (0%)

Yellow (27%)

Blue (15%)

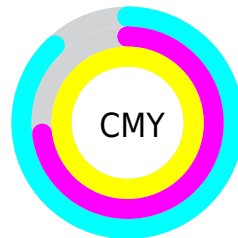


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (88%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4400 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 1F4400 by changing the saturation by 10% instead.

 1F4400

 1F4400

 FFFFE8

 062D00

 507531

 001A00

 698E49

 000000

 84A961

 9EC47B

 BAE095

 D6FDB0

 F3FFCC

 1F4400

■ 234407

■ 26440E

■ 2A4414

■ 2E441B

■ 314422

■ 354429

■ 394430

■ 3D4436

■ 40443D

Harmonies

Analogous

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



423D00



1F4400



004822

Triad

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



1F4400



004576



721634

Complementary

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



1F4400



250044

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.



671E54



1F4400



003D7A

Square

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



1F4400



004961



462F6E



6D2116

Rectangle

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



1F4400



004938



462F6E



70163F

Sweetspot

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



1F4400



4B593E



442400



252E1D



ADADAD



2E2E2E

Same Dimension

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



1F4400



295900



004402



1F211E



2C6100



66E000

Inverse Universe

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



250044



310059



440042



201E21



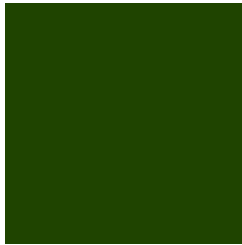
350061



7A00E0

Previews

White Background



This preview shows how the Hex color 1F4400 looks on a white background.

Color Contrast Check

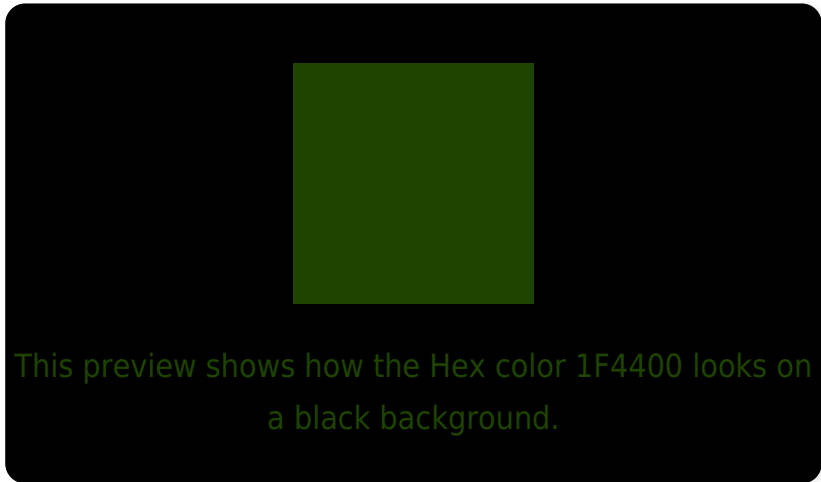
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 1F4400 Background



This preview shows how black text looks on a background with the Hex color 1F4400.



This preview shows how white text looks on a background with the Hex color 1F4400.

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](#).

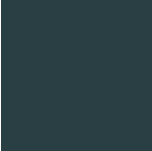
Dichromacy



Original Color
1F4400

Protanopia
433C00

Deuteranopia
4B380E



Tritanopia
293F44

Trichromacy



Original Color
1F4400

Protanomaly
363F00

Deuteranomaly
3B3C09

Tritanomaly
25412B

Monochromacy



Original Color
1F4400

Achromatopsia
313131

Achromatomaly
2A381F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4400 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 #1F4400 looks like.

```
.text, #text, p{  
    color:#1F4400  
}
```

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 #1F4400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4400
}
```

Border

The CSS property to change the border of an element to Hex 1F4400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

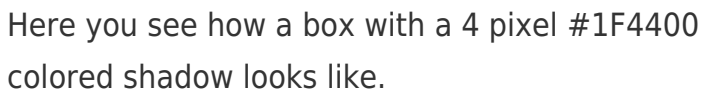
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F4400 }
```

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

```
.border{ border-color:#1F4400 }
```

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



Here you see how a box with a 4 pixel #1F4400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4400; -webkit-box-shadow:4px 4px  
4px 4px #1F4400; box-shadow:4px 4px 4px  
4px #1F4400 }
```

Background

The CSS property to change the background color of an element to Hex 1F4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4400 }
```

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

```
.background{ background-color:#1F4400 }
```

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