

Converting Colors

Hex(0F2300)

Have a look what the booklet for
Hex(0F2300) contains.

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Color

Hex(0F2300)

Conversions

Conversions Part 1

Format	Color
Hex	0F2300
RGB	15, 35, 0
RGB Percent	6%, 14%, 0%
CMY	0.9412, 0.8627, 1.0000
CMYK	0.57, 0.00, 1.00, 0.86
HSL	94°, 100%, 7%
HSV	94°, 100%, 14%
XYZ	0.7980, 1.3036, 0.2096
YIQ	25.0300, -0.6850, -15.1250

Conversions

Conversions Part 2

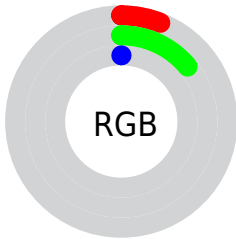
Format	Color
RYB	0, 35, 20
Decimal	992000
CIELab	11.30, -16.02, 16.49
CIELCh	11, 22.988, 134.177
Yxy	1.3036, 0.3453, 0.5640
Android (android.graphics.Color)	4279182080 (0xFF0F2300)
YUV	25.0300, -12.3398, -8.7963
Hunter-Lab	11.4176, -7.5046, 6.9041

Details

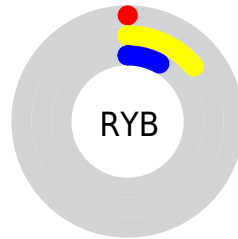
The Hex color **0F2300** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **140023**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **39502F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F2300**, and if you desaturate by 10%, it is **112303**.

Distribution



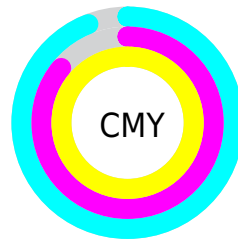
- Red (6%)
- Green (14%)
- Blue (0%)



- Red (0%)
- Yellow (14%)
- Blue (8%)



- Cyan (57%)
- Magenta (0%)
- Yellow (100%)
- Black (86%)



- Cyan (94%)
- Magenta (86%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2300 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 0F2300 by changing the saturation by 10% instead.

 0F2300

 0F2300

 EFFF E2

 000900

 39502F

 000000

 506846

 69815E

 829B76

 9CB690

 B7D2AB

 D3EEC6

 0F2300

■ 112303

■ 132307

■ 15230B

■ 17230E

■ 192312

■ 1B2315

■ 1D2319

■ 1F231C

■ 212320

Harmonies

Analogous

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



202000



0F2300



002515

Triad

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



0F2300



00223C



3A0F17

Complementary

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



0F2300



140023

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.



361027



0F2300



0C1D3D

Square

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



0F2300



002534



281735



371403

Rectangle

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



0F2300



002620



281735



3A0E1D

Sweetspot

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



0F2300



262E20



231400



12170F



969696



171717

Same Dimension

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



0F2300



142E00



002302



111210



235200



5AD100

Inverse Universe

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



140023



1A002E



230021



111012



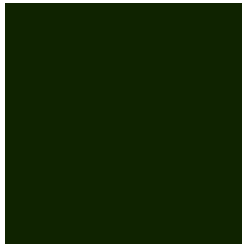
2F0052



7700D1

Previews

White Background



This preview shows how the Hex color 0F2300 looks on a white background.

Color Contrast Check

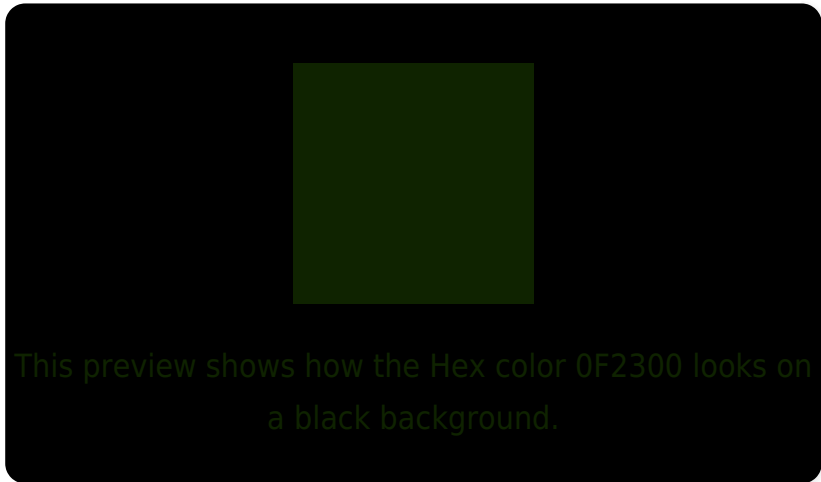
Large Text (above 18pt) WCAG AA ✓ Pass

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

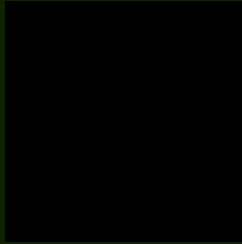
Any Text WCAG AA × Fail

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 0F2300 Background



This preview shows how black text looks on a background with the Hex color 0F2300.



This preview shows how white text looks on a background with the Hex color 0F2300.

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
0F2300

Protanopia
221F00

Deuteranopia
261D07



Tritanopia
142123

Trichromacy



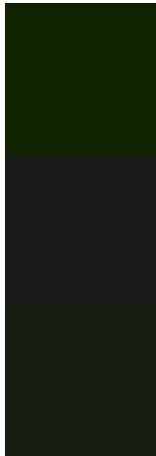
Original Color
0F2300

Protanomaly
1B2000

Deuteranomaly
1E1F04

Tritanomaly
122216

Monochromacy



Original Color
0F2300

Achromatopsia
191919

Achromatomaly
151D10

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2300 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 #0F2300 looks like.

```
.text, #text, p{  
    color:#0F2300  
}
```

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 #0F2300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2300
}
```

Border

The CSS property to change the border of an element to Hex 0F2300 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".

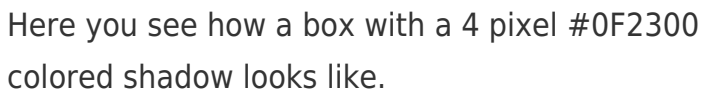
```
.border, #border, table{ border:4px solid
#0F2300 }
```

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

```
.border{ border-color:#0F2300 }
```

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

Here you see how a box with a 4 pixel #0F2300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2300; -webkit-box-shadow:4px 4px  
4px 4px #0F2300; box-shadow:4px 4px 4px  
4px #0F2300 }
```

Background

The CSS property to change the background color of an element to Hex 0F2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2300 }
```

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

```
.background{ background-color:#0F2300 }
```

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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