

Converting Colors

Hex(041200)

Have a look what the booklet for
Hex(041200) contains.

Hex(041200)	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(041200)

Conversions

Conversions Part 1

Format	Color
Hex	041200
RGB	4, 18, 0
RGB Percent	2%, 7%, 0%
CMY	0.9843, 0.9294, 1.0000
CMYK	0.78, 0.00, 1.00, 0.93
HSL	107°, 100%, 4%
HSV	107°, 100%, 7%
XYZ	0.2664, 0.4584, 0.0744
YIQ	11.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

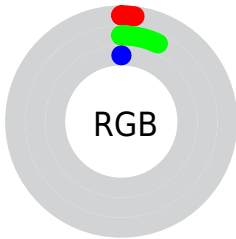
Format	Color
R_{YB}	0, 18, 14
Decimal	266752
CIE _{Lab}	4.14, -6.94, 6.07
CIE _{LCh}	4, 9.221, 138.791
Yxy	0.4584, 0.3333, 0.5736
Android (android.graphics.Color)	4278456832 (0xFF041200)
YUV	11.7620, -5.7987, -6.8073
Hunter-Lab	6.7707, -4.8261, 4.0876

Details

The Hex color **041200** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E0012**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **323C30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **041200**, and if you desaturate by 10%, it is **051202**.

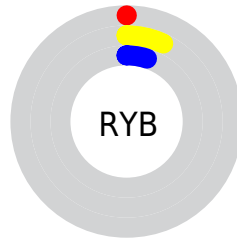
Distribution



Red (2%)

Green (7%)

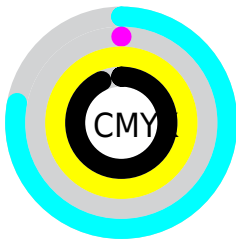
Blue (0%)



Red (0%)

Yellow (7%)

Blue (5%)

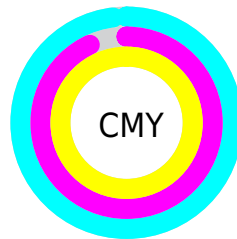


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (93%)



Cyan (98%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 041200 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 041200 by changing the saturation by 10% instead.

■ 041200

■ 041200

■ E5F2E2

■ 000000

■ 323C30

■ 495346

■ 616B5E

■ 798577

■ 939F90

■ AEBAAB

■ C9D5C6

■ 041200

■ 051202

■ 071204

■ 081205

■ 0A1207

■ 0B1209

■ 0C120B

■ 0E120D

■ 0F120E

■ 111210

Harmonies

Analogous

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



0F1000



041200



00130A

Triad

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



041200



00101C



1D0808

Complementary

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



041200



0E0012

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.



1B0812



041200



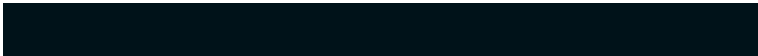
0D0D1B

Square

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



041200



001219



160A18



1C0A00

Rectangle

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



041200



001411



160A18



1D080C

Sweetspot

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



041200



121710



120E00



090D08



8C8C8C



0D0D0D

Same Dimension

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



041200



051700



001205



090A09



104A00



2DC900

Inverse Universe

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



0E0012



120017



12000D



0A090A



3A004A



9D00C9

Previews

White Background



This preview shows how the Hex color 041200 looks on a white background.

Color Contrast Check

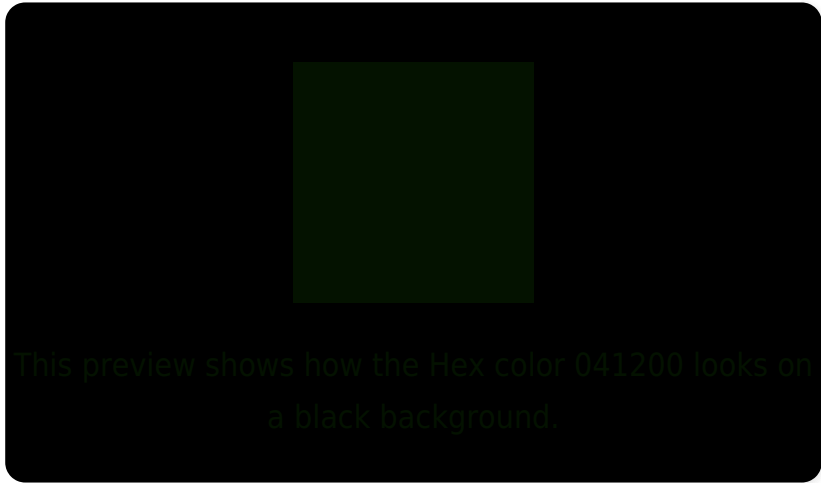
Large Text (above 18pt) WCAG AA ✓ Pass

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 041200 Background



This preview shows how black text looks on a background with the Hex color 041200.



This preview shows how white text looks on a background with the Hex color 041200.

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
041200

Protanopia
110F00

Deuteranopia
130F04



Tritanopia
081112

Trichromacy



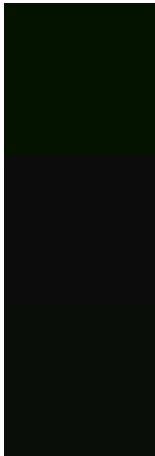
Original Color
041200

Protanomaly
0C1000

Deuteranomaly
0E1003

Tritanomaly
07110B

Monochromacy



Original Color
041200

Achromatopsia
0C0C0C

Achromatomaly
090E08

CSS Examples

Text

The CSS property to change the color of the text to Hex 041200 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 #041200 looks like.

```
.text, #text, p{  
    color:#041200  
}
```

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 #041200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #041200
}
```

Border

The CSS property to change the border of an element to Hex 041200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

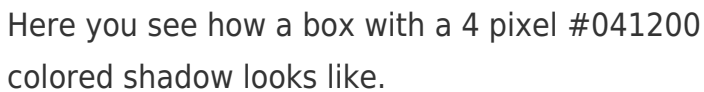
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#041200 }
```

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

```
.border{ border-color:#041200 }
```

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



Here you see how a box with a 4 pixel #041200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #041200; -webkit-box-shadow:4px 4px  
4px 4px #041200; box-shadow:4px 4px 4px  
4px #041200 }
```

Background

The CSS property to change the background color of an element to Hex 041200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#041200 }
```

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

```
.background{ background-color:#041200 }
```

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