

Converting Colors

Hex(104000)

Have a look what the booklet for
Hex(104000) contains.

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Color

Hex(104000)

Conversions

Conversions Part 1

Format	Color
Hex	104000
RGB	16, 64, 0
RGB Percent	6%, 25%, 0%
CMY	0.9373, 0.7490, 1.0000
CMYK	0.75, 0.00, 1.00, 0.75
HSL	105°, 100%, 13%
HSV	105°, 100%, 25%
XYZ	2.0471, 3.7770, 0.6211
YIQ	42.3520, -8.0640, -30.0800

Conversions

Conversions Part 2

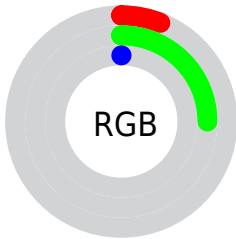
Format	Color
RYB	0, 64, 48
Decimal	1064960
CIELab	22.92, -28.64, 30.63
CIELCh	23, 41.939, 133.079
Yxy	3.7770, 0.3176, 0.5860
Android (android.graphics.Color)	4279255040 (0xFF104000)
YUV	42.3520, -20.8795, -23.1107
Hunter-Lab	19.4344, -15.2082, 11.7091

Details

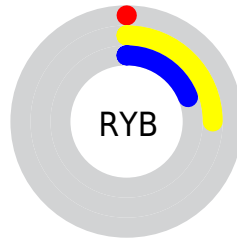
The Hex color **104000** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300040**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **437030**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **104000**, and if you desaturate by 10%, it is **154006**.

Distribution



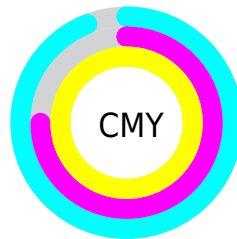
- Red (6%)
- Green (25%)
- Blue (0%)



- Red (0%)
- Yellow (25%)
- Blue (19%)



- Cyan (75%)
- Magenta (0%)
- Yellow (100%)
- Black (75%)



- Cyan (94%)
- Magenta (75%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 104000 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 104000 by changing the saturation by 10% instead.

 104000

 104000

 FFFFE6

 002A00

 437030

 001200

 5C8A48

 000000

 76A560

 91C079

 ACDC94

 C8F9AE

 E4FFCA

 104000

■ 154006

■ 1A400D

■ 1E4013

■ 23401A

■ 284020

■ 2D4026

■ 32402D

■ 364033

■ 3B403A

Harmonies

Analogous

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



383A00



104000



004323

Triad

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



104000



003F73



6D102A

Complementary

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



104000



300040

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.



65154A



104000



003674

Square

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



104000



004361



482765



651F0C

Rectangle

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



104000



004439



482765



6C0E35

Sweetspot

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



104000



41543B



403000



202B1C



ABABAB



2B2B2B

Same Dimension

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



104000



155400



004010



1F211E



186100



38E000

Inverse Universe

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



300040



3F0054



400030



201E21



490061



A800E0

Previews

White Background



This preview shows how the Hex color 104000 looks on a white background.

Color Contrast Check

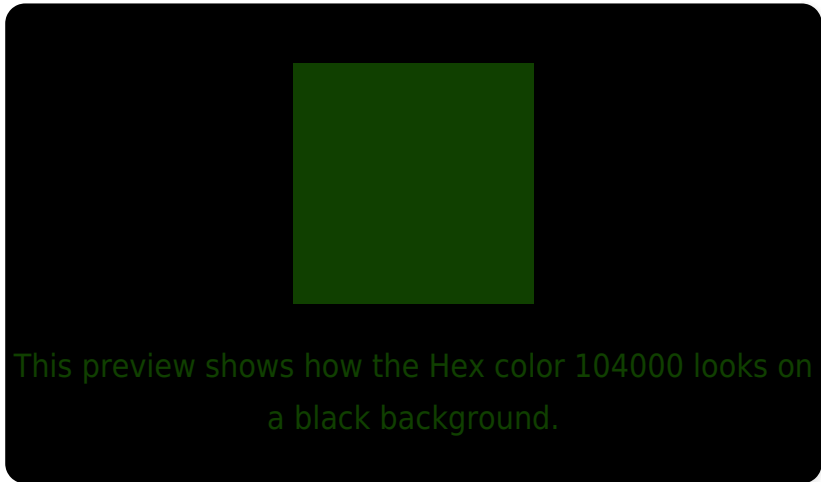
Large Text (above 18pt) WCAG AA ✓ Pass

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

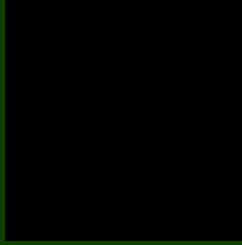
Any Text WCAG AA × Fail

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 104000 Background



This preview shows how black text looks on a background with the Hex color 104000.



This preview shows how white text looks on a background with the Hex color 104000.

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
104000

Protanopia
3E3700

Deuteranopia
45340E



Tritanopia
1E3B40

Trichromacy



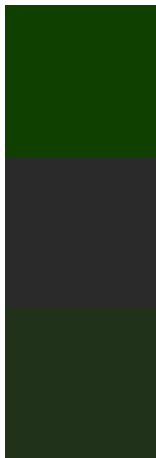
Original Color
104000

Protanomaly
2D3A00

Deuteranomaly
323809

Tritanomaly
193D29

Monochromacy



Original Color
104000

Achromatopsia
2A2A2A

Achromatomaly
21321B

CSS Examples

Text

The CSS property to change the color of the text to Hex 104000 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 #104000 looks like.

```
.text, #text, p{  
    color:#104000  
}
```

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 #104000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104000
}
```

Border

The CSS property to change the border of an element to Hex 104000 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
#104000 }
```

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

```
.border{ border-color:#104000 }
```

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

Here you see how a box with a 4 pixel #104000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #104000; -webkit-box-shadow:4px 4px  
4px 4px #104000; box-shadow:4px 4px 4px  
4px #104000 }
```

Background

The CSS property to change the background color of an element to Hex 104000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104000 }
```

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

```
.background{ background-color:#104000 }
```

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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