

Converting Colors

Hex(3D0B04)

Have a look what the booklet for
Hex(3D0B04) contains.

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Color

Hex(3D0B04)

Conversions

Conversions Part 1

Format	Color
Hex	3D0B04
RGB	61, 11, 4
RGB Percent	24%, 4%, 2%
CMY	0.7608, 0.9569, 0.9843
CMYK	0.00, 0.82, 0.93, 0.76
HSL	7°, 88%, 13%
HSV	7°, 93%, 24%
XYZ	2.0661, 1.2402, 0.2454
YIQ	25.1520, 32.0470, 8.4230

Conversions

Conversions Part 2

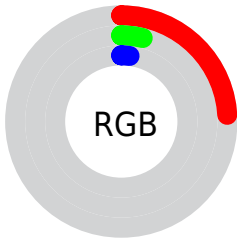
Format	Color
R _Y B	61, 12, 4
Decimal	4000516
CIE Lab	10.85, 23.81, 15.20
CIE LCh	11, 28.244, 32.556
Yxy	1.2402, 0.5817, 0.3492
Android (android.graphics.Color)	4282190596 (0xFF3D0B04)
YUV	25.1520, -10.4279, 31.4387
Hunter-Lab	11.1365, 13.6268, 6.4893

Details

The Hex color **3D0B04** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **04363D**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **703932**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D0700**, and if you desaturate by 10%, it is **3D100A**.

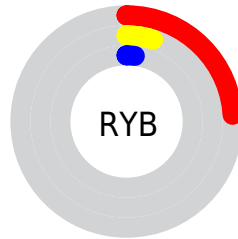
Distribution



Red (24%)

Green (4%)

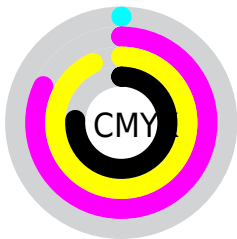
Blue (2%)



Red (24%)

Yellow (5%)

Blue (2%)

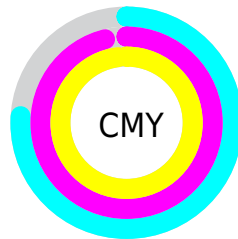


Cyan (0%)

Magenta (82%)

Yellow (93%)

Black (76%)



Cyan (76%)

Magenta (96%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0B04 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 3D0B04 by changing the saturation by 10% instead.

 3D0B04

 3D0B04

 FFF0E5

 270001

 703932

 000000

 8B5049

 A76960

 C38279

 E09D93

 FDB8AE

 FFD4C9

 3D0B04

 3D0B04

■ 3D0700

■ 3D100A

■ 3D1610

■ 3D1B16

■ 3D201C

■ 3D2622

■ 3D2B29

■ 3D302F

■ 3D3635

■ 3D3B3B

Harmonies

Analogous

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



3E061C



3D0B04



331500

Triad

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



3D0B04



002506



001F44

Complementary

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



3D0B04



04363D

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.



00243F



3D0B04



00261E

Square

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



3D0B04



122200



002631



1E173E

Rectangle

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



3D0B04



2A1B00



002631



002144

Sweetspot

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



3D0B04



4F3C39



3D0436



291D1B



A8A8A8



292929

Same Dimension

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



3D0B04



4F0A00



3D2704



1F1C1C



5E0C00



DE1B00

Inverse Universe

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



04363D



00454F



041A3D



1C1E1F



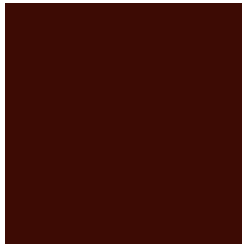
00535E



00C3DE

Previews

White Background



This preview shows how the Hex color 3D0B04 looks on a white background.

Color Contrast Check

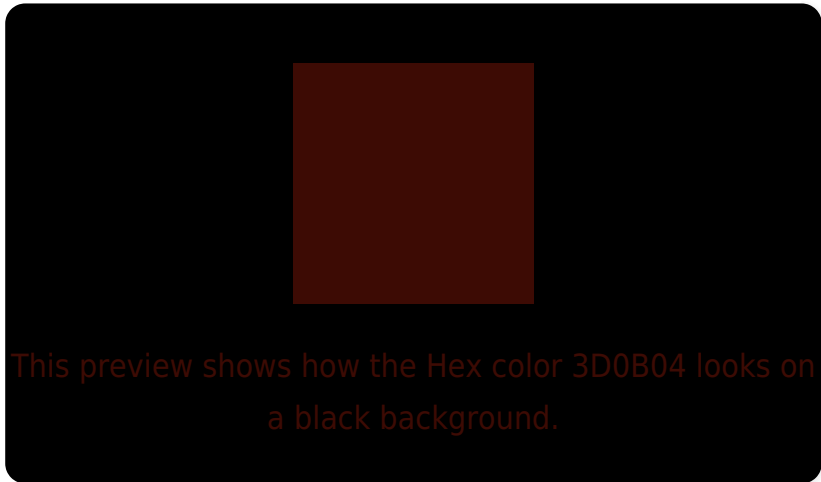
Large Text (above 18pt) WCAG AA ✓ Pass

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

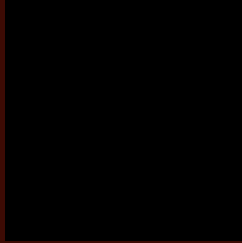
Any Text WCAG AA × Fail

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 3D0B04 Background



This preview shows how black text looks on a background with the Hex color 3D0B04.

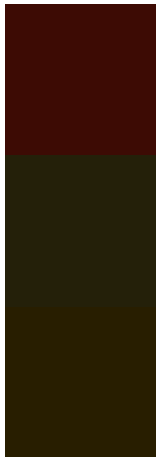


This preview shows how white text looks on a background with the Hex color 3D0B04.

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](#).

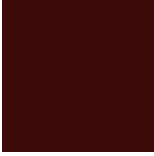
Dichromacy



Original Color
3D0B04

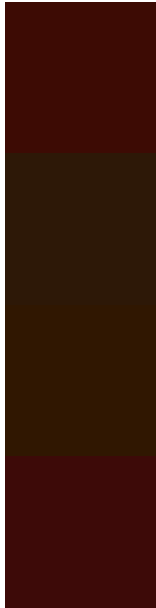
Protanopia
242009

Deuteranopia
281E00



Tritanopia
3D0A0A

Trichromacy



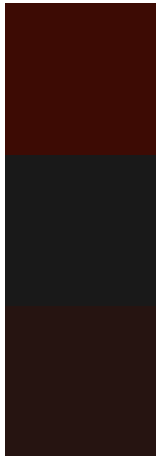
Original Color
3D0B04

Protanomaly
2D1807

Deuteranomaly
301701

Tritanomaly
3D0A08

Monochromacy



Original Color
3D0B04

Achromatopsia
191919

Achromatomaly
261411

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0B04 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 #3D0B04 looks like.

```
.text, #text, p{  
    color:#3D0B04  
}
```

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 #3D0B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0B04
}
```

Border

The CSS property to change the border of an element to Hex 3D0B04 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
#3D0B04 }
```

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

```
.border{ border-color:#3D0B04 }
```

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

Here you see how a box with a 4 pixel #3D0B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0B04; -webkit-box-shadow:4px 4px  
4px 4px #3D0B04; box-shadow:4px 4px 4px  
4px #3D0B04 }
```

Background

The CSS property to change the background color of an element to Hex 3D0B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0B04 }
```

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

```
.background{ background-color:#3D0B04 }
```

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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