

Converting Colors

Hex(0B7235)

Have a look what the booklet for
Hex(0B7235) contains.

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Color

Hex(0B7235)

Conversions

Conversions Part 1

Format	Color
Hex	0B7235
RGB	11, 114, 53
RGB Percent	4%, 45%, 21%
CMY	0.9569, 0.5529, 0.7922
CMYK	0.90, 0.00, 0.54, 0.55
HSL	144°, 82%, 25%
HSV	144°, 90%, 45%
XYZ	6.7979, 12.3628, 5.3961
YIQ	76.2490, -41.8070, -40.8070

Conversions

Conversions Part 2

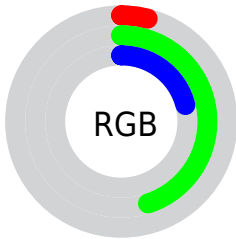
Format	Color
RYB	11, 84, 114
Decimal	750133
CIELab	41.79, -41.54, 26.17
CIElCh	42, 49.092, 147.787
Yxy	12.3628, 0.2768, 0.5034
Android (android.graphics.Color)	4278940213 (0xFF0B7235)
YUV	76.2490, -11.4618, -57.2234
Hunter-Lab	35.1608, -27.0205, 15.5133

Details

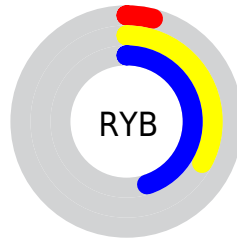
The Hex color **0B7235** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **720B48**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4EA765**, and **004007** is the 20% darker color. If you saturate the color by 10%, you get **00722E**, and if you desaturate by 10%, it is **16723C**.

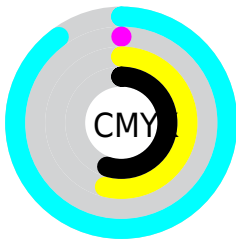
Distribution



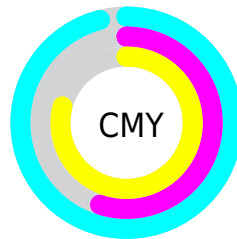
- Red (4%)
- Green (45%)
- Blue (21%)



- Red (4%)
- Yellow (33%)
- Blue (45%)



- Cyan (90%)
- Magenta (0%)
- Yellow (54%)
- Black (55%)



- Cyan (96%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7235 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 0B7235 by changing the saturation by 10% instead.

 0B7235

 0B7235

FFFFFF

 00591E

 4EA765

 004007

 69C27E

 002A00

 85DF99

 000C00

 A1FCB4

 000000

 BDFFCF

 DAF FEC

 F8FFFF

 0B7235

 0B7235

■ 00722E

■ 16723C

■ 227243

■ 2D7249

■ 397250

■ 447257

■ 4F725E

■ 5B7264

■ 66726B

■ 727272

Harmonies

Analogous

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



516B10



0B7235



00755E

Triad

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



0B7235



0068B4



A93F3F

Complementary

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



0B7235



720B48

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.



A83A67



0B7235



5C59AA

Square

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



0B7235



0071A7



90478E



97501C

Rectangle

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



0B7235



00757A



90478E



AB3C4C

Sweetspot

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



0B7235



6C947C



49720B



324A3C



C9C9C9



4A4A4A

Same Dimension

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



0B7235



00943C



0B7268



323835



007831



00F765

Inverse Universe

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



720B48



940058



720B15



383236



780047



F70092

Previews

White Background



This preview shows how the Hex color 0B7235 looks on a white background.

Color Contrast Check

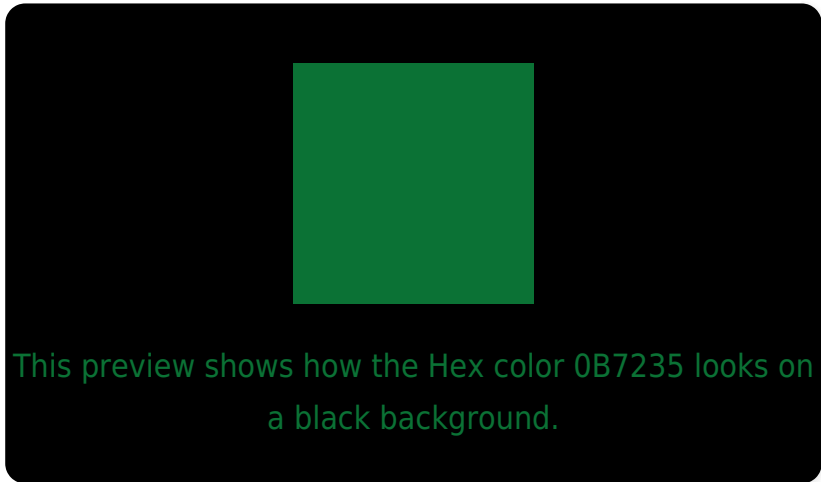
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0B7235 Background



This preview shows how black text looks on a background with the Hex color 0B7235.



This preview shows how white text looks on a background with the Hex color 0B7235.

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
0B7235

Protanopia
6D6230

Deuteranopia
775E3A



Tritanopia
2D6B74

Trichromacy



Original Color
0B7235



Protanomaly
496832



Deuteranomaly
506538



Tritanomaly
216E5D

Monochromacy



Original Color
0B7235



Achromatopsia
4C4C4C



Achromatomaly
345A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7235 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 #0B7235 looks like.

```
.text, #text, p{  
    color:#0B7235  
}
```

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 #0B7235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7235
}
```

Border

The CSS property to change the border of an element to Hex 0B7235 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
#0B7235 }
```

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

```
.border{ border-color:#0B7235 }
```

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

Here you see how a box with a 4 pixel #0B7235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7235; -webkit-box-shadow:4px 4px  
4px 4px #0B7235; box-shadow:4px 4px 4px  
4px #0B7235 }
```

Background

The CSS property to change the background color of an element to Hex 0B7235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7235 }
```

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

```
.background{ background-color:#0B7235 }
```

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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