

Converting Colors

Decimal(749828)

Have a look what the booklet for
Decimal(749828) contains.

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Color

Decimal(749828)

Conversions

Conversions Part 1

Format	Color
Hex	0B7104
RGB	11, 113, 4
RGB Percent	4%, 44%, 2%
CMY	0.9569, 0.5569, 0.9843
CMYK	0.90, 0.00, 0.96, 0.56
HSL	116°, 93%, 23%
HSV	116°, 96%, 44%
XYZ	6.0651, 11.8902, 2.0902
YIQ	70.0760, -25.8030, -55.5230

Conversions

Conversions Part 2

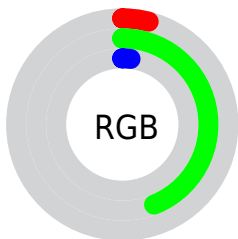
Format	Color
RYB	4, 113, 106
Decimal	749828
CIELab	41.04, -46.06, 44.79
CIELCh	41, 64.253, 135.800
Yxy	11.8902, 0.3026, 0.5932
Android (android.graphics.Color)	4278939908 (0xFF0B7104)
YUV	70.0760, -32.5755, -51.8097
Hunter-Lab	34.4821, -28.9474, 20.5434

Details

The Decimal color **749828** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6947953**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **5285438**, and **16128** is the 20% darker color. If you saturate the color by 10%, you get **487680**, and if you desaturate by 10%, it is **1470735**.

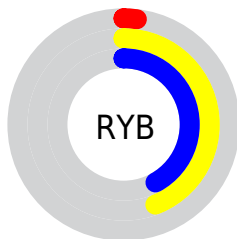
Distribution



Red (4%)

Green (44%)

Blue (2%)



Red (2%)

Yellow (44%)

Blue (42%)

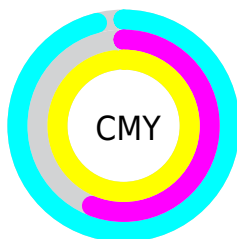


Cyan (90%)

Magenta (0%)

Yellow (96%)

Black (56%)



Cyan (96%)

Magenta (56%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 749828 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 Decimal color 749828 by changing the saturation by 10% instead.



749828



749828

16777213



22528



5285438



16128



7127640



10752



8969842



1792



10812300



0



12713895



14614467



16580576



749828



749828

■ 487680

■ 1470735

■ 2126107

■ 2847014

■ 3502385

■ 4223293

■ 4878664

■ 5599571

■ 6320478

■ 6975850

Harmonies

Analogous

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



6055680



749828



30277

Triad

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



749828



28360



12262472

Complementary

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



749828



6947953

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.



11608700



749828



24264

Square

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



749828



30380



8668075



11287059

Rectangle

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



749828



30570



8668075



12261209

Sweetspot

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



749828



7115881



7432708



3295792



13224393



4868682

Same Dimension

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



749828



627712



291123



3356722



555008



1111808

Inverse Universe

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



6947953



9044116



7406658



3682872



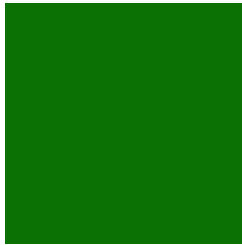
7340152



15139063

Previews

White Background



This preview shows how the Decimal color 749828 looks on a white background.

Color Contrast Check

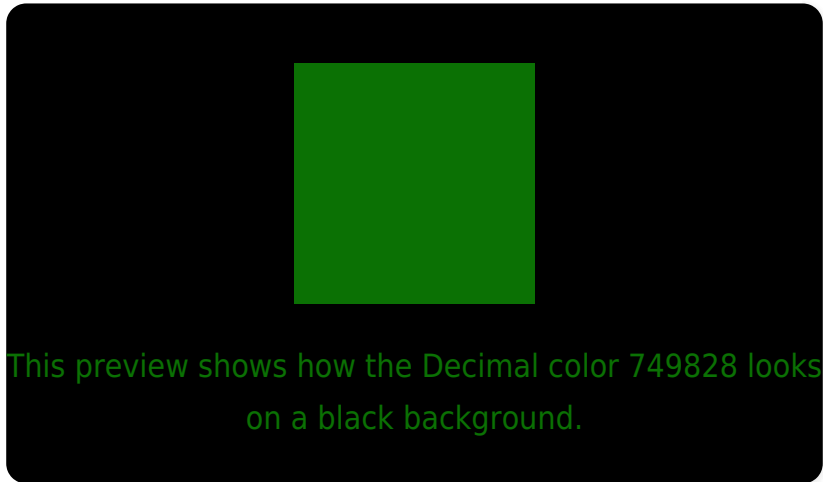
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 749828 Background



This preview shows how black text looks on a background with the Decimal color 749828.



This preview shows how white text looks on a background with the Decimal color 749828.

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
749828

Protanopia
7168256

Deuteranopia
7953433



Tritanopia
3172722

Trichromacy



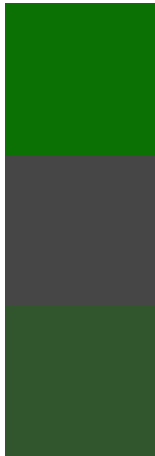
Original Color
749828

Protanomaly
4810497

Deuteranomaly
5334033

Tritanomaly
2321482

Monochromacy



Original Color
749828

Achromatopsia
4605510

Achromatomaly
3233326

CSS Examples

Text

The CSS property to change the color of the text to Decimal 749828 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 #0B7104 looks like.

```
.text, #text, p{  
    color:#0B7104  
}
```

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 #0B7104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7104
}
```

Border

The CSS property to change the border of an element to Decimal 749828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

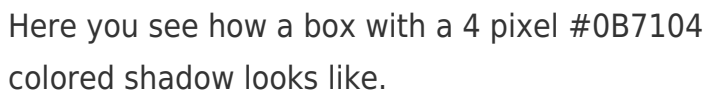
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B7104 }
```

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

```
.border{ border-color:#0B7104 }
```

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



Here you see how a box with a 4 pixel #0B7104 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7104; -webkit-box-shadow:4px 4px  
4px 4px #0B7104; box-shadow:4px 4px 4px  
4px #0B7104 }
```

Background

The CSS property to change the background color of an element to Decimal 749828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7104 }
```

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

```
.background{ background-color:#0B7104 }
```

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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